

Material Safety Data Sheet

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Infosafe No. LPSOZ Issue Date : June 2004 ISSUED by ENVIROOI

Product Name : ENVIROLUBE AGRI 20W-40

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ENVIROLUBE AGRI 20W-40
Product Use Super Tractor Universal Oil.
Company Name Enviro Oil Co of Australia
Address 12 Tryon Road Lindfield
NSW 2070 Australia
Emergency Tel. 02 9416 5418; 24hr
Telephone Number/Fax Tel: 02 9416 0628 Fax: 02 9416 2583

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Contains petroleum distillates and additives.

| Ingredients | Name | CAS | Proportion |
|--------------------|--|--------------|-------------------|
| | Ingredients determined not to be hazardous | Not required | 100 % |

3. HAZARDS IDENTIFICATION

Not classified as hazardous according to NOHSC criteria.
Not classified as a dangerous good according to the ADG Code.

Risk Phrases
Not applicable

Safety Phrases
Not applicable

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. Seek medical attention.

Ingestion DO NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.

Skin Remove contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.

Eye If contact with the eye(s) occur, wash with copious amounts of water, holding eyelids(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops and persists, seek medical attention.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media Carbon dioxide, dry chemical, foam or water fog.
Do NOT use water jets. Cool fire exposed containers with water fog.

Specific Hazards Combustible C2 liquid. Fire-exposed container may rupture/explode.

Hazardous Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including oxides of carbon.

Precautions in connection with Fire Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing should be worn to minimise exposure.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert, non combustible, absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

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7. HANDLING AND STORAGE

Corrosiveness Not corrosive to aluminium.

Handling Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Build-up of mists in the working atmosphere must be prevented. Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurise or expose to open flame or heat. Keep container closed and bung in place.

Storage Combustible C2 liquid for storage and handling purposes. Store in a cool, dry, well-ventilated area, out of direct sunlight. Avoid sparks, flames, and other ignition sources. Store away from incompatible materials such as materials that support combustion (oxidising materials). Reference should be made to Australian Standard AS1940- The storage and handling of flammable and combustible liquids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

Eng. Controls Natural ventilation should be sufficient, however where vapours or mists are generated the use of a local exhaust ventilation system (drawing vapours/mists away from workers breathing zone) is recommended.

Other Information No biological limit allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Amber oily liquid.

Melting Point Not available.

Boiling Point Not available.

Solubility in Water Insoluble

Specific Gravity (H2O=1) 0.895 @ 15°C

pH Value Not available

Vapour Pressure Not available

Vapour Density (Air=1) Not available

Flash Point > 180°C (Closed Cup)

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Product Name : **ENVIROLUBE AGRI 20W-40**

Not classified as hazardous according to criteria of NOHSC

| | |
|-----------------------------|--|
| Flammability | Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. Remove all sources of heat and ignition. |
| Ignition Temperature | Not available |
| Flammable Limits | Not available. |
| LEL | |
| Flammable Limits | Not available. |
| UEL | |
| Kinematic Viscosity | 128 cSt @ 40°C 15 cSt @ 100°C |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Stability | Stable under normal conditions. |
| Hazardous Polymerization | Will not occur. |
| Materials to Avoid | Strong oxidising agents. |
| Hazardous Decomposition Products | Thermal decomposition and combustion produce noxious fumes containing oxides of carbon. |
| Hazardous Reaction | Hazardous reaction with strong oxidising agents. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Toxicology Information | No toxicity data is available for this material. |
| Inhalation | May cause irritation to the mucous membrane and upper airways, where material is heated and is used in poorly ventilated areas. Symptoms may include headache, dizziness and nausea. |
| Ingestion | May cause irritation of the gastrointestinal system. Symptoms may include nausea, vomiting and diarrhoea. |
| Skin | May cause irritation in contact with the skin, which may result in redness and itchiness, possibly leading to dermatitis. |
| Eye | May cause irritation in contact with the eyes which could result in redness, stinging and lachrymation. |
| Chronic Effects | Prolonged or repeated contact with this material may result in skin irritation possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|--|
| | No ecological data is available for this material. |
| Environ. Protection | Prevent this material from entering the environment. |
| Mobility | No data is available for this material. |
| Persistence / Degradability | No data available for this specific product. |
| Bioaccumulation | No data available for this specific product. |
| Ecotoxicity | No data available for this specific product. |

13. DISPOSAL CONSIDERATIONS

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

| | |
|-----------------------------|--|
| | Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. |
| U.N. Number | None Allocated |
| Proper Shipping Name | None Allocated |
| DG Class | None Allocated |

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Product Name : **ENVIROLUBE AGRI 20W-40**

Not classified as hazardous according to criteria of NOHSC

Hazchem Code None Allocated

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

AICS (Australia) All components in this product are listed on AICS (Australian Inventory of Chemical Substances).

16. OTHER INFORMATION

SDS History MSDS Creation: June 2004

...End Of MSDS...

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|----------------|-----------------------------|-----------------------|--------------------|
| Infosafe No. | LPUI8 | Issue Date : May 2005 | ISSUED by ENVIROOI |
| Product Name : | ENVIROLUBE AGRITRANS 10W-20 | | |

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

| | |
|-----------------------------|---|
| Product Name | ENVIROLUBE AGRITRANS 10W-20 |
| Company Name | Enviro Oil Co of Australia |
| Address | 12 Tryon Road Lindfield NSW 2070 Australia |
| Emergency Tel. | 02 9416 5418; 24hr |
| Telephone/Fax Number | Tel: 02 9416 0628 Fax: 02 9416 2583 |
| Recommended Use | Tractor transmission fluid. |

2. HAZARDS IDENTIFICATION

| | |
|------------------------------|--|
| Hazard Classification | NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code. |
|------------------------------|--|

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion |
|--------------------|---|------------|-------------------|
| | Distillates (petroleum), Solvent Dewaxed, Heavy Paraffinic | 64742-65-0 | 60-100 % |
| | Other ingredients determined not to be hazardous | - | 0-10 % |

4. FIRST AID MEASURES

| | |
|-----------------------------|--|
| Inhalation | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention. |
| Ingestion | Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention. |
| Skin | Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention. |
| Eye | If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice. |
| First Aid Facilities | Eyewash and normal washroom facilities. |
| Advice to Doctor | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

| | |
|--|---|
| Suitable Extinguishing Media | Use foam, carbon dioxide or dry chemical powder. |
| Hazards from Combustion Products | Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of sulfur. |
| Specific Hazards | Combustible liquid. This product will burn if exposed to fire. |
| Hazchem Code | None Allocated |
| Precautions in connection with Fire | Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. |

6. ACCIDENTAL RELEASE MEASURES

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| Product Name : | ENVIROLUBE AGRITRANS 10W-20 | | |

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.

Biological Limit Values No biological limit allocated.

Other Exposure Information As published by the National Occupational Health and Safety Commission (NOHSC):
TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals, they are not a measure of relative toxicity.

Engineering Controls Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

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| Product Name : | ENVIROLUBE AGRITRANS 10W-20 | | |

| | |
|------------------------|---|
| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Hand Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|----------------------------------|
| Appearance | Amber liquid, oil |
| Melting Point | Not applicable |
| Boiling Point | Not available. |
| Solubility in Water | Negligible. |
| Specific Gravity | 0.88 @ 15°C |
| pH Value | Not available. |
| Vapour Pressure | Not available. |
| Vapour Density (Air=1) | Not available. |
| Viscosity | 60 cSt @ 40°C 9.5 cSt @ 100°C |
| Flash Point | > 180°C (CC) |
| Auto-Ignition Temperature | Not available. |
| Flammable Limits - Lower | Not available. |
| Flammable Limits - Upper | Not available. |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Contact with incompatible materials, heat and direct sunlight. |
| Incompatible Materials | Incompatible materials. |
| Hazardous Decomposition Products | Decomposition products may include smoke, oxides of carbon and oxides of sulfur. |
| Hazardous Reactions | Not available. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Toxicology Information | No toxicity data available for this product. |
| Inhalation | Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |
| Chronic Effects | Prolonged and/or repeated skin contact with this product may cause drying and defatting, possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

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| Infosafe No. | LPUI8 | Issue Date : May 2005 | ISSUED by ENVIROOI |
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Product Name : **ENVIROLUBE AGRITRANS 10W-20**

Ecotoxicity Not available.

Mobility Not available.

Environ. Protection This material may present environmental risks common to oil spills. Contact your local oil spill response group and applicable government agencies if a spill occurs.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to federal, EPA and state regulations.

14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number None Allocated

Proper Shipping Name None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Creation: May 2005

...End Of MSDS...

Material Safety Data Sheet

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Infosafe No. LPTFW Issue Date : August 2004 ISSUED by ENVIROOI

Product Name : **ENVIROLUBE CHAINBAR 100**

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ENVIROLUBE CHAINBAR 100
Product Use Heavy duty chain and guide bar lubricant for chainsaws.
Company Name Enviro Oil Co of Australia
Address 12 Tryon Road Lindfield
NSW 2070 Australia
Emergency Tel. 02 9416 5418; 24hr
Telephone Number/Fax Tel: 02 9416 0628 Fax: 02 9416 2583

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion |
|--------------------|--|--------------|-------------------|
| | Distillates, Petroleum, Solvent Dewaxed Heavy Paraffinic | 64742-65-0 | 60-100 % |
| | Residual oils (petroleum), solvent dewaxed | 64742-62-7 | 10-30 % |
| | Other ingredients determined not to be hazardous | Not required | Balance |

3. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of the NOHSC.
Not classified as dangerous goods according to the ADG Code.

RISK PHRASES:
Not applicable.

SAFETY PHRASES:
Not applicable.

Other Information Note: In accordance with Note L of the NOHSC Designated List of Hazardous Substances, the manufacturer has had this product tested in accordance with IP346. This product contains less than 3% polyaromatics and is therefore non hazardous.

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion DO NOT induce vomiting. Immediately wash mouth out with water. Seek immediate medical attention.

Skin Remove contaminated clothing and wash before re-use. Wash thoroughly with soap and water. If irritation develops, seek medical attention.

Eye If contact with the eye(s) occur, wash with copious amounts of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops, seek medical attention.

First Aid Facilities Eye wash and normal wash room facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media In case of fire, use water fog, dry chemical or fine water spray. DO NOT use water jet.

Specific Hazards Combustible liquid. This product will burn if exposed to fire.

Hazardous Combustion Products Oxides of carbon.

Precautions in connection with Fire Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

Material Safety Data Sheet

Infosafe No. LPTFW Issue Date : August 2004 ISSUED by ENVIROOI

Product Name : ENVIROLUBE CHAINBAR 100

Not classified as hazardous according to criteria of NOHSC

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Handling Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Build-up of mists in the working atmosphere must be prevented. Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurise or expose to open flame or heat. Keep container closed and bung in place.

Storage Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material by the Australian National Occupational Health & Safety Commission (NOHSC). However, the exposure limits for refined mineral oil mist are as follows:

Australian National Occupational Health And Safety Commission (NOHSC) Exposure Standards:

| Substance | STEL | | TWA | |
|-----------|------|-------------------|-----|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| Oil mist | - | - | - | 5 |

Other Exposure Information As published by the National Occupational Health and Safety Commission (NOHSC):

TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals They are not a measure of relative toxicity.

Respiratory Protection Avoid breathing of vapours/mists. Where ventilation is inadequate and vapours/mists are generated, the use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended; however final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715- Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716- Respiratory Protective Devices.

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Product Name : **ENVIROLUBE CHAINBAR 100**

Not classified as hazardous according to criteria of NOHSC

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|------------------------|---|
| Eye Protection | Chemical safety glasses or face shield recommended as appropriate. Final choice of appropriate eye/face protection will vary according to individual circumstances including methods of handling or engineering controls as determined by appropriate risk assessments. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications. |
| Hand Protection | Impervious gloves recommended as appropriate. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance. |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. |
| Eng. Controls | Provide sufficient ventilation to keep airborne levels to least possible levels. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, exhaust ventilation system is recommended. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|--|
| Appearance | Amber liquid. |
| Odour | Not available. |
| Melting Point | Not applicable. |
| Boiling Point | Not available. |
| Solubility in Water | Insoluble |
| Specific Gravity (H2O=1) | 0.887 @ 15°C |
| pH Value | Not available. |
| Vapour Pressure | Not available. |
| Vapour Density (Air=1) | Not available. |
| Flash Point | > 180°C (Closed Cup) |
| Flammability | Combustible. Avoid sources of ignition, heat and naked flames. |
| Ignition Temperature | Not available. |
| Flammable Limits LEL | Not available. |
| Flammable Limits UEL | Not available. |
| Kinematic Viscosity | 100 cSt @ 40°C 11 cSt @ 100°C |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Stability | Stable under normal conditions. |
| Materials to Avoid | Strong oxidising agents. |
| Hazardous Decomposition Products | Carbon monoxide and carbon dioxide. |
| Hazardous Reaction | May react with strong oxidising materials. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Toxicology Information | No toxicology data available for this product. |
| Inhalation | Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause irritation to skin, which can result in redness and itching. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |

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Product Name : **ENVIROLUBE CHAINBAR 100**

Not classified as hazardous according to criteria of NOHSC

Chronic Effects There are no known chronic health effects associated with this material.

Carcinogenicity The base oil component(s) are not expected to be carcinogenic based on IARC criteria.

12. ECOLOGICAL INFORMATION

Environ. Protection Avoid contaminating waterways.

Mobility No data is available for this material.

Persistence / No data is available for this material.

Degradability

Ecotoxicity No data is available for this material.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA, state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise combustible nature.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number None Allocated

Proper Shipping Name None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

SDS History MSDS creation: August 2004

...End Of MSDS...

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

Page 1 of 4

Product Names(s)

EnviroLube DX III
EnviroLube Synthetic DX III

Company Details

Company Name EnviroOil Co. of Australia Pty Ltd (ABN 92 108 255 410)
Address Suite 18, 12 Tryon Rd
Lindfield, NSW 2070
Emergency Tel. (02) 9416 5418 ; 24 hr
Product and MSDS Info: (02) 9416 0628

Product Identification

Product Name ENVIROLUBE DX III and ENVIROLUBE SYNTHETIC DX III
Product Use AUTOMATIC TRANSMISSION FLUID

Hazard Identification

Hazard Classification NON-HAZRADOUS SUBSTANCE
NON-DANGEROUS GOOD
Risk Phrases Not Applicable
Safety Phrases Not Applicable
Hazard classification according to the NOHSC
Dangerous goods classification according to ADG Code

Physical & Chemical Properties

Appearance Liquid
Colour Red
Boiling point > 316°C
Melting point NA
Flash point (PMCC) > 180°C (ASTM D-93)
Flammability NE
Auto Flammability NE
Solubility in Water Negligible

pH NA
Explosive Properties NA
Oxidizing Properties NA
Vapour Pressure < 0.1 (mmHg @ 20°C)
Vapour Density > 2.0

Material Safety Data Sheet

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Product Names(s)

EnviroLube DX III
EnviroLube Synthetic DX III

| | |
|-----------------------|-----------------------------|
| Evaporation Rate | NE |
| Relative Density | 0.87 (@15°C) |
| Partition Coefficient | > 3.5 |
| Viscosity | typically 7.0 cSt (@ 100°C) |
| Pour Point | < -20°C |
| Freezing Point | NE |

NA=NOT APPLICABLE

NE=NOT ESTABLISHED

Ingredients

Composition Contains Petroleum distillates and additives
Ingredients determined not to be hazardous
CAS not required

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|-------------|---|--------------|-------------------|
| | Ingredient determined not to be hazardous | Not Required | 100% |

First Aid Measures

| | |
|------------------|---|
| Swallowed | Do not induce vomiting. As a precaution, rinse mouth with water. Seek medical attention. |
| Eye | Flush eyes immediately with fresh water for several minutes while holding the eyelids open. |
| Skin | Wash skin thoroughly with soap and water. |
| Inhaled | If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor. |
| Advice to Doctor | Treat symptomatically |

Fire Fighting Measures

| | |
|---------------------|---|
| Extinguishing media | Carbon dioxide, dry chemical, foam or water fog Do NOT use water jets. Cool containers exposed to fire with water fog. |
| Specific Hazards | Combustible C2 liquid. Fire-exposed container may rupture/explode |
| Combustion Products | May emit toxic or irritating fumes, including oxides of carbon |
| Precautions | Self contained breathing apparatus (SCBA) and full protective clothing |

Material Safety Data Sheet

Issue Date : July 2006

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Product Names(s)

EnviroLube DX III
EnviroLube Synthetic DX III

Accidental Release Measures

| | |
|----------|--|
| Spills | Wear protective equipment to prevent skin and eye exposure And inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water. |
| Disposal | Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent. |

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

Storage and Transport

| | |
|--------------------------|--|
| Transport | Not classified as dangerous by the criteria of the ADG Code for transport by road or rail. UN Number: N/A Dangerous Good Class: N/A Proper Shipping Name: N/A Hazchem Code (Aus/NZ): N/A |
| Storage Regulations | Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids” |
| Stability and Reactivity | |
| Stability | Stable under normal conditions |
| Hazardous Polymerisation | Will not occur |
| Materials to avoid | Strong oxidising agents |
| Hazardous Decomposition | Thermal decomposition/combustion produces noxious fumes including carbon dioxide. |
| Conditions to avoid | Heat, direct sunlight, open flames, oxidising agents or other sources of ignition |

Material Safety Data Sheet

Issue Date : July 2006

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Product Names(s)

EnviroLube DX III
EnviroLube Synthetic DX III

Personal Protection

| | |
|-------------------------|---|
| Eye Protection | Safety glasses |
| Clothing | Overalls, safety shoes and gloves. |
| Work/Hygienic Practices | Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. |
| Flammability | Classified as Class C2 Combustible liquid |
| Fire Hazards | See Safe Handling Information. |
| Regulatory Information | |
| Poisons Schedule | Not Schedules |
| AICS | All components in this product are listed on AICS (Australian Inventory of Chemical Substances). |

...End of MSDS....

Material Safety Data Sheet

Page: 1 of 4

| | | | |
|----------------|--------------------------------------|-----------------------|--------------------|
| Infosafe No. | LPUIA | Issue Date : May 2005 | ISSUED by ENVIROOI |
| Product Name : | EnviroLube FD 80w-90, 85w-140 | | |

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

| | |
|-----------------------------|---|
| Product Name | EnviroLube FD 80w-90, 85w-140 |
| Company Name | Enviro Oil Co of Australia |
| Address | 12 Tryon Road Lindfield NSW 2070 Australia |
| Emergency Tel. | 02 9416 5418; 24hr |
| Telephone/Fax Number | Tel: 02 9416 0628 Fax: 02 9416 2583 |
| Recommended Use | Heavy duty gear oil and differential fluid. |

2. HAZARDS IDENTIFICATION

| | |
|------------------------------|--|
| Hazard Classification | NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code. |
|------------------------------|--|

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion |
|--------------------|---|------------|-------------------|
| | Distillates (petroleum), Solvent Dewaxed, Heavy Paraffinic | 64742-65-0 | 60-100 % |
| | Polybutene | 9003-28-5 | 0-20 % |
| | Other ingredients determined not to be hazardous | - | 0-10 % |

4. FIRST AID MEASURES

| | |
|-----------------------------|--|
| Inhalation | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention. |
| Ingestion | Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention. |
| Skin | Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention. |
| Eye | If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice. |
| First Aid Facilities | Eyewash and normal washroom facilities. |
| Advice to Doctor | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

| | |
|--|---|
| Suitable Extinguishing Media | Use foam, carbon dioxide or dry chemical powder. |
| Hazards from Combustion Products | Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of sulfur. |
| Specific Hazards | Combustible liquid. This product will burn if exposed to fire. |
| Hazchem Code | None Allocated |
| Precautions in connection with Fire | Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. |

6. ACCIDENTAL RELEASE MEASURES

Material Safety Data Sheet

| | | | |
|----------------|--------------------------------------|-----------------------|--------------------|
| Infosafe No. | LPUIA | Issue Date : May 2005 | ISSUED by ENVIROOI |
| Product Name : | EnviroLube FD 80w-90, 85w-140 | | |

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.

Biological Limit Values No biological limit allocated.

Other Exposure Information As published by the National Occupational Health and Safety Commission (NOHSC):
TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals, they are not a measure of relative toxicity.

Engineering Controls Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Material Safety Data Sheet

| | | | |
|----------------|--------------------------------------|-----------------------|--------------------|
| Infosafe No. | LPUIA | Issue Date : May 2005 | ISSUED by ENVIROOI |
| Product Name : | EnviroLube FD 80w-90, 85w-140 | | |

| | |
|------------------------|---|
| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Hand Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|---|
| Appearance | Amber liquid, oil |
| Melting Point | Not applicable |
| Boiling Point | Not available. |
| Solubility in Water | Negligible. |
| Specific Gravity | 0.88 @ 15°C |
| pH Value | Not available. |
| Vapour Pressure | Not available. |
| Vapour Density (Air=1) | Not available. |
| Viscosity | 140 - 375 cSt @ 40°C 14 - 30 cSt @ 100°C |
| Flash Point | > 180°C (CC) |
| Auto-Ignition Temperature | Not available. |
| Flammable Limits - Lower | Not available. |
| Flammable Limits - Upper | Not available. |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Contact with incompatible materials, heat and direct sunlight. |
| Incompatible Materials | Incompatible materials. |
| Hazardous Decomposition Products | Decomposition products may include smoke, oxides of carbon and oxides of sulfur. |
| Hazardous Reactions | Not available. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Toxicology Information | No toxicity data available for this product. |
| Inhalation | Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |
| Chronic Effects | Prolonged and/or repeated skin contact with this product may cause drying and defatting, possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

Material Safety Data Sheet

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| | | | |
|--------------|-------|-----------------------|--------------------|
| Infosafe No. | LPUIA | Issue Date : May 2005 | ISSUED by ENVIROOI |
|--------------|-------|-----------------------|--------------------|

Product Name : **EnviroLube FD 80w-90, 85w-140**

Ecotoxicity Not available.

Mobility Not available.

Environ. Protection This material may present environmental risks common to oil spills. Contact your local oil spill response group and applicable government agencies if a spill occurs.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to federal, EPA and state regulations.

14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number None Allocated

Proper Shipping Name None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Creation: May 2005

...End Of MSDS...

Material Safety Data Sheet

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Infosafe No. LPUV3 Issue Date : September 2005 ISSUED by ENVIROOI

Product Name : ENVIROLUBE HD-J 15W-40

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ENVIROLUBE HD-J 15W-40
Company Name Enviro Oil Co of Australia
Address 12 Tryon Road Lindfield
NSW 2070 Australia
Emergency Tel. 02 9416 5418; 24hr
Telephone/Fax Number Tel: 02 9416 0628 Fax: 02 9416 2583
Recommended Use Diesel engine oil.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion |
|-------------|---|------------|--------------------|
| | Distillates (petroleum), Solvent Dewaxed, Heavy Paraffinic | 64742-65-0 | 60-100 % |
| | Ingredients determined not to be hazardous | | Balance to 100% |

4. FIRST AID MEASURES

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.
Ingestion Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.
Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
Eye If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
First Aid Facilities Eye wash and normal washroom facilities.
Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use carbon dioxide, dry chemical or foam.
Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including zinc, calcium, sulphur and oxides of carbon.
Hazchem Code None Allocated
Precautions in connection with Fire Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Material Safety Data Sheet

| | | | |
|----------------|------------------------|-----------------------------|--------------------|
| Infosafe No. | LPUV3 | Issue Date : September 2005 | ISSUED by ENVIROOI |
| Product Name : | ENVIROLUBE HD-J 15W-40 | | |

7. HANDLING AND STORAGE

| | |
|--------------------------------------|---|
| Precautions for Safe Handling | Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with this product, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities. |
| Conditions for Safe Storage | Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|------------------------------------|---|
| National Exposure Standards | No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m ³ . As with all chemicals, exposure should be kept to the lowest possible levels. |
| Biological Limit Values | No biological limit allocated. |
| Engineering Controls | Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements. |
| Respiratory Protection | If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices. |
| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Hand Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|-----------------|
| Appearance | Amber liquid. |
| Odour | Not available. |
| Melting Point | Not applicable. |
| Boiling Point | Not available. |
| Solubility in Water | Insoluble. |

Material Safety Data Sheet

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| | | | |
|--------------|-------|-----------------------------|--------------------|
| Infosafe No. | LPUV3 | Issue Date : September 2005 | ISSUED by ENVIROOI |
|--------------|-------|-----------------------------|--------------------|

Product Name : **ENVIROLUBE HD-J 15W-40**

| | |
|----------------------------------|----------------------------------|
| Specific Gravity | 0.891 (15°C) |
| pH Value | Not available. |
| Vapour Pressure | Not available. |
| Vapour Density (Air=1) | Not available. |
| Viscosity | 113 cSt (40°C) 15 cSt (100°C) |
| Flash Point | 180°C (CC) |
| Auto-Ignition Temperature | Not available. |
| Flammable Limits - Lower | Not available. |
| Flammable Limits - Upper | Not available. |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |
| Incompatible Materials | Oxidising agents, acids and halogens. |
| Hazardous Decomposition Products | Thermal decomposition and combustion produce noxious fumes containing oxides of carbon and aldehydes. |
| Hazardous Reactions | Hazardous polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------|---|
| Inhalation | Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |
| Chronic Effects | Prolonged or repeated contact may result in skin irritation leading to dermatitis. Repeated exposure to vapour or mist at concentrations in air that exceed exposure standards can cause respiratory irritation, discomfort or other pulmonary effects. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|---|
| Ecotoxicity | No data is available for this material. |
| Persistence / Degradability | No data is available for this material. |
| Mobility | No data is available for this material. |
| Environ. Protection | Prevent material from entering the environment. |

13. DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|---|
| Disposal Considerations | Dispose of waste according to federal, EPA and state regulations. |
|--------------------------------|---|

14. TRANSPORT INFORMATION

| | |
|------------------------------|--|
| Transport Information | Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. |
| U.N. Number | None Allocated |
| Proper Shipping Name | None Allocated |
| DG Class | None Allocated |
| Hazchem Code | None Allocated |

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| | | | |
|--------------|-------|-----------------------------|--------------------|
| Infosafe No. | LPUV3 | Issue Date : September 2005 | ISSUED by ENVIROOI |
|--------------|-------|-----------------------------|--------------------|

Product Name : **ENVIROLUBE HD-J 15W-40**

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation MSDS created: 2005.

or last revision of

MSDS

...End Of MSDS...

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

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Product Names(s)

EnviroLube HD Ultra 15W-40

Company Details

Company Name EnviroOil Co. of Australia Pty Ltd (ABN 92 108 255 410)
Address Suite 18, 12 Tryon Rd
Lindfield, NSW 2070
Emergency Tel. (02) 9416 5418 ; 24 hr
Product and MSDS Info: (02) 9416 0628

Product Identification

Product Name ENVIROLUBE HD ULTRA 15W-40
Product Use DIESEL ENGINE OIL

Hazard Identification

Hazard Classification NON-HAZRADOUS SUBSTANCE
NON-DANGEROUS GOOD
Risk Phrases Not Applicable
Safety Phrases Not Applicable
Hazard classification according to the NOHSC
Dangerous goods classification according to ADG Code

Physical & Chemical Properties

Appearance Liquid
Colour Amber
Boiling point > 316°C
Melting point NA
Flash point (PMCC) > 180°C (ASTM D-93)
Flammability NE
Auto Flammability NE
Solubility in Water Negligible

pH NA
Explosive Properties NA
Oxidizing Properties NA
Vapour Pressure < 0.1 (mmHg @ 20°C)
Vapour Density > 2.0
Evaporation Rate NE

Material Safety Data Sheet

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Product Names(s) **EnviroLube HD Ultra 15W-40**

Relative Density 0.88 (@15°C)
Partition Coefficient > 3.5
Viscosity typically 15 cSt (@ 100°C)
Pour Point < -10 °C
Freezing Point NE

NA=NOT APPLICABLE

NE=NOT ESTABLISHED

Ingredients

Composition Contains Petroleum distillates and additives
Ingredients determined not to be hazardous
CAS not required

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|-------------|-----------------------|--------------|-------------------|
| | Ingredient determined | Not Required | 100% |
| | not to be hazardous | | |

First Aid Measures

Swallowed Do not induce vomiting. As a precaution, rinse mouth with water. Seek medical attention.

Eye Flush eyes immediately with fresh water for several minutes while holding the eyelids open.

Skin Wash skin thoroughly with soap and water.

Inhaled If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.

Advice to Doctor Treat symptomatically

Fire Fighting Measures

Extinguishing media Carbon dioxide, dry chemical, foam or water fog
Do NOT use water jets. Cool containers exposed to fire with water fog.

Specific Hazards Combustible C2 liquid. Fire-exposed container may rupture/explode

Combustion Products May emit toxic or irritating fumes, including oxides of carbon

Precautions Self contained breathing apparatus (SCBA) and full protective clothing

Material Safety Data Sheet

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Product Names(s)

EnviroLube HD Ultra 15W-40

Accidental Release Measures

| | |
|----------|--|
| Spills | Wear protective equipment to prevent skin and eye exposure And inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water. |
| Disposal | Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent. |

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

Storage and Transport

| | |
|--------------------------|--|
| Transport | Not classified as dangerous by the criteria of the ADG Code for transport by road or rail. UN Number: N/A Dangerous Good Class: N/A Proper Shipping Name: N/A Hazchem Code (Aus/NZ): N/A |
| Storage Regulations | Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids” |
| Stability and Reactivity | |
| Stability | Stable under normal conditions |
| Hazardous Polymerisation | Will not occur |
| Materials to avoid | Strong oxidising agents |
| Hazardous Decomposition | Thermal decomposition/combustion produces noxious fumes including carbon dioxide. |
| Conditions to avoid | Heat, direct sunlight, open flames, oxidising agents or other sources of ignition |

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

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Product Names(s)

EnviroLube HD Ultra 15W-40

Personal Protection

| | |
|-------------------------|---|
| Eye Protection | Safety glasses |
| Clothing | Overalls, safety shoes and gloves. |
| Work/Hygienic Practices | Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. |
| Flammability | Classified as Class C2 Combustible liquid |
| Fire Hazards | See Safe Handling Information. |
| Regulatory Information | |
| Poisons Schedule | Not Schedules |
| AICS | All components in this product are listed on AICS (Australian Inventory of Chemical Substances). |

...End of MSDS....

Material Safety Data Sheet

Page: 1 of 4

Infosafe No. LPUKM Issue Date : June 2005 ISSUED by ENVIROOI

Product Name : ENVIROLUBE HD COOLANT 50

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ENVIROLUBE HD COOLANT 50
Company Name Enviro Oil Co of Australia
Address 12 Tryon Road Lindfield
NSW 2070 Australia
Emergency Tel. 02 9416 5418; 24hr
Telephone/Fax Number Tel: 02 9416 0628 Fax: 02 9416 2583
Recommended Use Automotive radiator coolant.

2. HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s) R22 Harmful if swallowed.

Safety Phrase(s) S2 Keep out of reach of children.
S46 If swallowed, seek medical advice immediately and show this container or label.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion |
|--------------------|--|--------------|-------------------|
| | Ethylene glycol | 107-21-1 | 30-60 % |
| | Ingredients determined not to be hazardous | Not required | Balance to 100% |

4. FIRST AID MEASURES

Inhalation Remove affected person from contaminated area and if irritation persists, seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice.

Ingestion Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If symptoms develop seek medical attention.

Eye If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

First Aid Facilities Eye wash station and normal washroom facilities.

Advice to Doctor Treat symptomatically.

Other Information For advice, contact the Poisons Information Centre (Australia 131 126).

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use water, foam, carbon dioxide or dry chemical to extinguish fire.

Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Specific Hazards Non combustible. However, following evaporation of aqueous component, the product residue will burn under fire conditions and emit toxic fumes.

Hazchem Code None Allocated

Precautions in connection with Fire Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent material onto spillage. Mop up material and place into the same container. If the spillage enters the waterways contact the

Material Safety Data Sheet

| | | | |
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|--------------|-------|------------------------|--------------------|

Product Name : **ENVIROLUBE HD COOLANT 50**

Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| National Exposure Standards | Name | STEL | | TWA | | Footnote |
|--------------------------------|---|-------|-----|-------|-----|-------------------------|
| | | mg/m3 | ppm | mg/m3 | ppm | |
| | Ethylene glycol | | | 127 | 50 | Ceiling (vapour & mist) |
| Biological Limit Values | No biological limit allocated. | | | | | |
| Engineering Controls | Ensure sufficient ventilation to keep airborne concentrations below exposure limits. Mechanical exhaust ventilation may be required. | | | | | |
| Respiratory Protection | If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices. | | | | | |
| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. | | | | | |
| Hand Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. | | | | | |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. | | | | | |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------|--------------------|
| Appearance | Green liquid. |
| Odour | Mild odour. |
| Melting Point | -37°C |
| Boiling Point | 109°C |
| Solubility in Water | Miscible. |
| Specific Gravity | 1.1 (15°C) |
| pH Value | 7.8 |
| Vapour Pressure | 0.01 kPa* (@ 20°C) |
| Vapour Density (Air=1) | 2.2* |
| Flash Point | Not applicable. |

Material Safety Data Sheet

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| Product Name : | ENVIROLUBE HD COOLANT 50 | | |

| | |
|----------------------------------|--------------------------|
| Auto-Ignition Temperature | Not available. |
| Flammable Limits - Lower | 3.2* |
| Flammable Limits - Upper | 12.8* |
| Kinematic Viscosity | 25cP (20°C) |
| Other Information | * = for ethylene glycol. |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |
| Incompatible Materials | Strong oxidising agents. |
| Hazardous Decomposition Products | Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide. |
| Hazardous Reactions | Hazardous polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| Inhalation | Inhalation of product vapours or mists may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Harmful if swallowed. Ingestion of this product will irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |
| Chronic Effects | Prolonged and/or repeated skin contact with this product may cause drying and defatting, possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|--|
| Ecotoxicity | No data available for this specific material. |
| Persistence / Degradability | Ethylene glycol is readily biodegradable. |
| Mobility | No data available for this specific material. |
| Environ. Protection | Do not allow product to enter drains, waterways or sewers. |

13. DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|--|
| Disposal Considerations | Dispose of waste according to EPA, federal, state and local regulations. |
|--------------------------------|--|

14. TRANSPORT INFORMATION

| | |
|------------------------------|--|
| Transport Information | Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. |
| U.N. Number | None Allocated |
| Proper Shipping Name | None Allocated |
| DG Class | None Allocated |
| Hazchem Code | None Allocated |
| Packing Group | None Allocated |

15. REGULATORY INFORMATION

| | |
|-------------------------|--|
| Poisons Schedule | S5 |
| Hazard Category | Harmful |
| AICS (Australia) | All components in this product are listed on AICS (Australian Inventory of Chemical Substances). |

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| | | | |
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Product Name : **ENVIROLUBE HD COOLANT 50**

16. OTHER INFORMATION

Date of preparation MSDS Creation: June 2005.
or last revision of
MSDS

...End Of MSDS...

Material Safety Data Sheet

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Infosafe No. LPSP1 Issue Date : June 2004 ISSUED by ENVIROOI

Product Name : ENVIROLUBE HEAVY DUTY DIESEL 15W-40

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ENVIROLUBE HEAVY DUTY DIESEL 15W-40
Product Use Diesel Engine Oil.
Company Name Enviro Oil Co of Australia
Address 12 Tryon Road Lindfield
NSW 2070 Australia
Emergency Tel. 02 9416 5418; 24hr
Telephone Number/Fax Tel: 02 9416 0628 Fax: 02 9416 2583

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Contains petroleum distillates and additives.

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|--------------------|--|-------------------|--------------------------|
| | Ingredients determined not to be hazardous | Not required | 100 % |

3. HAZARDS IDENTIFICATION

Not classified as hazardous according to NOHSC criteria.
Not classified as a dangerous good according to the ADG Code.

Risk Phrases
Not applicable

Safety Phrases
Not applicable

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. Seek medical attention.

Ingestion DO NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.

Skin Remove contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.

Eye If contact with the eye(s) occur, wash with copious amounts of water, holding eyelids(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops and persists, seek medical attention.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media Carbon dioxide, dry chemical, foam or water fog.
Do NOT use water jets. Cool fire exposed containers with water fog.

Specific Hazards Combustible C2 liquid. Fire-exposed container may rupture/explode.

Hazardous Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including oxides of carbon.

Precautions in connection with Fire Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing should be worn to minimise exposure.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert, non combustible, absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Material Safety Data Sheet

Infosafe No. LPSP1 Issue Date : June 2004 ISSUED by ENVIROOI

Product Name : ENVIROLUBE HEAVY DUTY DIESEL 15W-40

Not classified as hazardous according to criteria of NOHSC

7. HANDLING AND STORAGE

Corrosiveness Not corrosive to aluminium.

Handling Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Build-up of mists in the working atmosphere must be prevented. Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurise or expose to open flame or heat. Keep container closed and bung in place.

Storage Combustible C2 liquid for storage and handling purposes. Store in a cool, dry, well-ventilated area, out of direct sunlight. Avoid sparks, flames, and other ignition sources. Store away from incompatible materials such as materials that support combustion (oxidising materials). Reference should be made to Australian Standard AS1940- The storage and handling of flammable and combustible liquids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

Eng. Controls Natural ventilation should be sufficient, however where vapours or mists are generated the use of a local exhaust ventilation system (drawing vapours/mists away from workers breathing zone) is recommended.

Other Information No biological limit allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Amber oily liquid.

Melting Point Not available.

Boiling Point Not available.

Solubility in Water Insoluble

Specific Gravity (H2O=1) 0.891 @ 15°C

pH Value Not available

Vapour Pressure Not available

Vapour Density (Air=1) Not available

Flash Point > 180°C (Closed Cup)

Material Safety Data Sheet

| | | | |
|--------------|-------|------------------------|--------------------|
| Infosafe No. | LPSP1 | Issue Date : June 2004 | ISSUED by ENVIROOI |
|--------------|-------|------------------------|--------------------|

Product Name : **ENVIROLUBE HEAVY DUTY DIESEL 15W-40**

Not classified as hazardous according to criteria of NOHSC

| | |
|-----------------------------|--|
| Flammability | Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. Remove all sources of heat and ignition. |
| Ignition Temperature | Not available |
| Flammable Limits | Not available. |
| LEL | |
| Flammable Limits | Not available. |
| UEL | |
| Kinematic Viscosity | 113 cSt @ 40°C 15 cSt @ 100°C |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Stability | Stable under normal conditions. |
| Hazardous Polymerization | Will not occur. |
| Materials to Avoid | Strong oxidising agents. |
| Hazardous Decomposition Products | Thermal decomposition and combustion produce noxious fumes containing oxides of carbon. |
| Hazardous Reaction | Hazardous reaction with strong oxidising agents. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Toxicology Information | No toxicity data is available for this material. |
| Inhalation | May cause irritation to the mucous membrane and upper airways, where material is heated and is used in poorly ventilated areas. Symptoms may include headache, dizziness and nausea. |
| Ingestion | May cause irritation of the gastrointestinal system. Symptoms may include nausea, vomiting and diarrhoea. |
| Skin | May cause irritation in contact with the skin, which may result in redness and itchiness, possibly leading to dermatitis. |
| Eye | May cause irritation in contact with the eyes which could result in redness, stinging and lachrymation. |
| Chronic Effects | Prolonged or repeated contact with this material may result in skin irritation possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|--|
| | No ecological data is available for this material. |
| Environ. Protection | Prevent this material from entering the environment. |
| Mobility | No data is available for this material. |
| Persistence / Degradability | No data available for this specific product. |
| Bioaccumulation | No data available for this specific product. |
| Ecotoxicity | No data available for this specific product. |

13. DISPOSAL CONSIDERATIONS

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

| | |
|-----------------------------|--|
| | Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. |
| U.N. Number | None Allocated |
| Proper Shipping Name | None Allocated |
| DG Class | None Allocated |

Material Safety Data Sheet

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| | | | |
|--------------|-------|------------------------|--------------------|
| Infosafe No. | LPSPI | Issue Date : June 2004 | ISSUED by ENVIROOI |
|--------------|-------|------------------------|--------------------|

Product Name : **ENVIROLUBE HEAVY DUTY DIESEL 15W-40**

Not classified as hazardous according to criteria of NOHSC

Hazchem Code None Allocated

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

AICS (Australia) All components in this product are listed on AICS (Australian Inventory of Chemical Substances).

16. OTHER INFORMATION

SDS History MSDS Creation: June 2004

...End Of MSDS...

Material Safety Data Sheet

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Issue Date : February 2006

ISSUED by : ENVIROOIL

ENVIROLUBE HD-X 15W-40

COMPANY DETAILS

| | |
|-------------------------------|--|
| Company Name | EnviroOil Co. of Australia Pty Ltd |
| Address | Suite 18, 12 Tryon Rd Lindfield, NSW 2070 |
| Emergency Tel. | (02) 9416 5418 ; 24 hr |
| Product and MSDS Info: | (02) 9416 0628 |

IDENTIFICATION

| | |
|---------------------|------------------------|
| Product Name | ENVIROLUBE HD-X 15W-40 |
| Product Use | DIESEL ENGINE OIL |

Physical Data

| | |
|----------------------------|---------------------|
| Appearance | Liquid |
| Colour | Amber |
| Boiling point | > 316°C |
| Melting point | NA |
| Flash point (PMCC) | > 180°C (ASTM D-93) |
| Flammability | NE |
| Auto Flammability | NE |
| Solubility in Water | Negligible |

Other Properties

| | |
|------------------------------|------------------------|
| pH | NA |
| Explosive Properties | NA |
| Oxidizing Properties | NA |
| Vapour Pressure | < 0.1 (mmHg @ 20°C) |
| Vapour Density | > 2.0 |
| Evaporation Rate | NE |
| Relative Density | 0.891 (@15°C) |
| Partition Coefficient | > 3.5 |
| Viscosity | typ 15.0 cSt (@ 100°C) |
| Pour Point | < -6°C |
| Freezing Point | NE |

NA=NOT APPLICABLE NE=NOT ESTABLISHED

Ingredients

| | |
|--------------------|--|
| Ingredients | Contains Petroleum distillates and additives Ingredients determined not to be hazardous CAS not required |
|--------------------|--|

| | |
|-----------------------------------|--|
| Information on Composition | Chemical Family: Petroleum Hydrocarbon |
|-----------------------------------|--|

Material Safety Data Sheet

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ISSUED by : ENVIROOIL

Ingredients This product is not formulated to contain ingredients which have
Considered Hazardous to Health exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives.

HEALTH HAZARD INFORMATION

Hazard Identification Not Classified as hazardous according to NOHSC criteria
Not classified as a dangerous good according to ADG Code

Risk Phrases Not Applicable

Safety Phrases Not Applicable

Health Effects

Acute – Swallowed If more than several mouthfuls are swallowed, abdominal discomfort, nausea and diarrhea may occur.

Acute – Eye Not expected to cause eye irritation following short-term exposure.

Acute – Skin Expected to cause no more than minor skin irritation.

Acute – Inhalation Harmful concentrations of mists and/or vapors are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.

Chronic The base oil component(s) are not expected to be carcinogenic based on IARC criteria. This product has not been tested as a whole for chronic health effects.

First Aid

Swallowed No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.

Eye Flush eyes immediately with fresh water for several minutes while holding the eyelids open.

Skin Wash skin thoroughly with soap and water.

Inhaled If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.

Advice to Doctor N/A

PRECAUTIONS FOR USE

Exposure Limits This product does not contain any components that have recognized exposure limits. However, an exposure limit of 5.00 mg/m³ is suggested for oil mist.

Eng. Controls Use in well-ventilated area or with local exhaust ventilation. Vapour heavier than air – prevent concentration in hollows or sumps. Do not enter confined spaces where vapour may have collected.

Personal Protection

Eye Protection Safety glasses

Clothing Overalls, safety shoes and gloves.

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Work/Hygienic Practices Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Flammability

Fire Hazards

See Safe Handling Information.

SAFE HANDLING INFORMATION

Storage and Transport

Transport

Not classified as dangerous by the criteria of the Australian Dangerous Goods Code (ADG) for transport by road or rail.

UN Number: N/A

Dangerous Good Class: N/A

Proper Shipping Name: N/A

Hazchem Code (Aus/NZ): N/A

Storage Regulations

Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids”

Spills and Disposal

Spills & Disposal

Wear protective equipment to prevent skin and eye exposure and inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water.

Disposal

Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent.

Fire/Explosion Hazard

Fire/Explosion Hazard

Combustible liquid. May form flammable vapour mixes with air.

Electrical requirements for work areas should be assessed according to AS 3000. On burning, will emit toxic fumes, including carbon monoxide (CO). Firefighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Extinguishing Media

Foam, dry agent (CO₂ or dry chemical powder).

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OTHER INFORMATION

Toxicology

This product contains petroleum base oils which has been refined by processes including severe solvent extraction. These oils have not been listed in the U.S. National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as carcinogenic or probably carcinogenic to humans.

Oral LD50 (Rat) >2000 mg kg⁻¹ Dermal LD50 (Rabbit) >2000 mg kg⁻¹

Environmental Protection

Avoid contaminating waterways.
Harmful to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.

... End of MSDS...

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Product Names(s)

EnviroLube HVI 46
EnviroLube HVI 68

Company Details

Company Name EnviroOil Co. of Australia Pty Ltd (ABN 92 108 255 410)
Address Suite 18, 12 Tryon Rd
Lindfield, NSW 2070
Emergency Tel. (02) 9416 5418 ; 24 hr
Product and MSDS Info: (02) 9416 0628

Product Identification

Product Name ENVIROLUBE HVI 46, ENVIROLUBE HVI 68
Product Use HYDRAULIC OIL

Hazard Identification

Hazard Classification NON-HAZARDOUS SUBSTANCE
NON-DANGEROUS GOOD
Risk Phrases Not Applicable
Safety Phrases Not Applicable
Hazard classification according to the NOHSC
Dangerous goods classification according to ADG Code

Physical & Chemical Properties

Appearance Liquid
Colour Amber
Boiling point > 316°C
Melting point NA
Flash point (PMCC) > 180°C (ASTM D-93)
Flammability NE
Auto Flammability NE
Solubility in Water Negligible

pH NA
Explosive Properties NA
Oxidizing Properties NA
Vapour Pressure < 0.1 (mmHg @ 20°C)
Vapour Density > 2.0

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Product Names(s) **EnviroLube HVI 46**
 EnviroLube HVI 68

Evaporation Rate NE
Relative Density 0.87 (@15°C)
Partition Coefficient > 3.5
Viscosity HVI 46 typically 46 cSt (@ 40°C)
 HVI 68 typically 68 cSt (@ 40°C)
Pour Point < -10 °C
Freezing Point NE

NA=NOT APPLICABLE
NE=NOT ESTABLISHED

Ingredients

Composition Contains Petroleum distillates and additives
 Ingredients determined not to be hazardous
 CAS not required

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|-------------|--|--------------|-------------------|
| | Ingredient determined not to be hazardous | Not Required | 100% |

First Aid Measures

Swallowed Do not induce vomiting. As a precaution, rinse mouth with water. Seek medical attention.

Eye Flush eyes immediately with fresh water for several minutes while holding the eyelids open.

Skin Wash skin thoroughly with soap and water.

Inhaled If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.

Advice to Doctor Treat symptomatically

Fire Fighting Measures

Extinguishing media Carbon dioxide, dry chemical, foam or water fog
 Do NOT use water jets. Cool containers exposed to fire with water fog.

Specific Hazards Combustible C2 liquid. Fire-exposed container may rupture/explode

Combustion Products May emit toxic or irritating fumes, including oxides of carbon

Material Safety Data Sheet

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Product Names(s)

EnviroLube HVI 46
EnviroLube HVI 68

Precautions

Self contained breathing apparatus (SCBA) and full protective clothing

Accidental Release Measures

Spills

Wear protective equipment to prevent skin and eye exposure And inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water.

Disposal

Refer to State Land Waste Management Authority.
Normally suitable for incineration by approved agent.

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

Storage and Transport

Transport

Not classified as dangerous by the criteria of the ADG Code for transport by road or rail.

UN Number: N/A

Dangerous Good Class: N/A

Proper Shipping Name: N/A

Hazchem Code (Aus/NZ): N/A

Storage Regulations

Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids”

Stability and Reactivity

Stability

Stable under normal conditions

Hazardous Polymerisation

Will not occur

Materials to avoid

Strong oxidising agents

Hazardous Decomposition

Thermal decomposition/combustion produces noxious fumes including carbon dioxide.

Conditions to avoid

Heat, direct sunlight, open flames, oxidising agents or other sources of ignition

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Product Names(s)

EnviroLube HVI 46
EnviroLube HVI 68

Personal Protection

Eye Protection

Safety glasses

Clothing

Overalls, safety shoes and gloves.

Work/Hygienic Practices

Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Flammability

Classified as Class C2 Combustible liquid

Fire Hazards

See Safe Handling Information.

Regulatory Information

Poisons Schedule

Not Schedules

AICS

All components in this product are listed on AICS (Australian Inventory of Chemical Substances).

...End of MSDS....

Material Safety Data Sheet

Page: 1 of 4

Infosafe No. LPUKR Issue Date : June 2005 ISSUED by ENVIROOI

Product Name : ENVIROLUBE LCX 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ENVIROLUBE LCX 2
Company Name Enviro Oil Co of Australia
Address 12 Tryon Road Lindfield
NSW 2070 Australia
Emergency Tel. 02 9416 5418; 24hr
Telephone/Fax Number Tel: 02 9416 0628 Fax: 02 9416 2583
Recommended Use Lubricating grease.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Contains petroleum distillates and additives.

| Ingredients | Name | CAS | Proportion |
|--------------------|--|--------------|-------------------|
| | Ingredients determined not to be hazardous | Not required | 100 % |

4. FIRST AID MEASURES

Inhalation Remove affected person from contaminated area and if irritation persists, seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice.

Ingestion Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
INJECTION INJURY WARNING: If material is injected under skin, seek medical attention to prevent serious damage. Do not wait for symptoms to develop.

Eye If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

First Aid Facilities Eye wash station and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use water, foam, carbon dioxide or dry chemical to extinguish fire.

Hazards from Combustion Products Combustion products may include oxides of carbon, sulphur and phosphorus.

Specific Hazards Volume and pressure increases strongly when heated. Risk of container explosion in fire.

Hazchem Code None Allocated

Precautions in connection with Fire Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste

Material Safety Data Sheet

| | | | |
|----------------|-------------------------|------------------------|--------------------|
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| Product Name : | ENVIROLUBE LCX 2 | | |

according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

| | |
|--------------------------------------|---|
| Precautions for Safe Handling | Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities. |
| Conditions for Safe Storage | Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|------------------------------------|---|
| National Exposure Standards | No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m ³ . As with all chemicals, exposure should be kept to the lowest possible levels. |
| Biological Limit Values | No biological limit allocated. |
| Engineering Controls | Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements. |
| Respiratory Protection | If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices. |
| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Hand Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|---------------------------|
| Appearance | Smooth tacky blue grease. |
| Odour | Mild petroleum odour. |
| Melting Point | Not applicable. |

Material Safety Data Sheet

| | | | |
|--------------|-------|------------------------|--------------------|
| Infosafe No. | LPUKR | Issue Date : June 2005 | ISSUED by ENVIROOI |
|--------------|-------|------------------------|--------------------|

Product Name : **ENVIROLUBE LCX 2**

| | |
|----------------------------------|---|
| Boiling Point | >170°C |
| Solubility in Water | Insoluble. |
| Specific Gravity | 0.90 (15°C) |
| pH Value | Not applicable. |
| Vapour Pressure | 0.01kPa (25°C) |
| Vapour Density (Air=1) | Not available. |
| Flash Point | >180°C (Closed Cup) |
| Auto-Ignition Temperature | 400°C |
| Flammable Limits - Lower | Not available. |
| Flammable Limits - Upper | Not available. |
| Kinematic Viscosity | 50-300 cSt (@ 40°C) 7-20 cSt (@ 100°C) |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |
| Incompatible Materials | Strong oxidising agents and acids. |
| Hazardous Decomposition Products | Thermal decomposition and combustion produce noxious fumes containing oxides of carbon, sulphur and phosphorus. |
| Hazardous Reactions | Hazardous polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| Inhalation | Inhalation of product vapours or mists may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |
| Chronic Effects | Prolonged and/or repeated skin contact with this product may cause drying and defatting, possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|--|
| Ecotoxicity | No data available for this specific material. |
| Persistence / Degradability | No data available for this specific material. |
| Mobility | No data available for this specific material. |
| Environ. Protection | Do not allow product to enter drains, waterways or sewers. |

13. DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|--|
| Disposal Considerations | Dispose of waste according to EPA, federal, state and local regulations. |
|--------------------------------|--|

14. TRANSPORT INFORMATION

| | |
|------------------------------|--|
| Transport Information | Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. |
| U.N. Number | None Allocated |
| Proper Shipping Name | None Allocated |
| DG Class | None Allocated |
| Hazchem Code | None Allocated |

Material Safety Data Sheet

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| | | | |
|--------------|-------|------------------------|--------------------|
| Infosafe No. | LPUKR | Issue Date : June 2005 | ISSUED by ENVIROOI |
|--------------|-------|------------------------|--------------------|

Product Name : **ENVIROLUBE LCX 2**

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

AICS (Australia) All components in this product are listed on AICS (Australian Inventory of Chemical Substances).

16. OTHER INFORMATION

Date of preparation MSDS Creation: June 2005.

or last revision of

MSDS

...End Of MSDS...

Material Safety Data Sheet

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Infosafe No. LPUKP Issue Date : June 2005 ISSUED by ENVIROOI

Product Name : ENVIROLUBE LCX-M 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ENVIROLUBE LCX-M 2
Company Name Enviro Oil Co of Australia
Address 12 Tryon Road Lindfield
NSW 2070 Australia
Emergency Tel. 02 9416 5418; 24hr
Telephone/Fax Number Tel: 02 9416 0628 Fax: 02 9416 2583
Recommended Use Lubricating grease.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Contains petroleum distillates, residual oils and additives.

| Ingredients | Name | CAS | Proportion |
|--------------------|--|--------------|-------------------|
| | Ingredients determined not to be hazardous | Not required | 100 % |

4. FIRST AID MEASURES

Inhalation Remove affected person from contaminated area and if irritation persists, seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice.

Ingestion Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
INJECTION INJURY WARNING: If material is injected under skin, seek medical attention to prevent serious damage. Do not wait for symptoms to develop.

Eye If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

First Aid Facilities Eye wash station and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use foam, carbon dioxide or dry chemical to extinguish fire.

Hazards from Combustion Products Combustion products may include oxides of carbon, sulphur and phosphorus.

Specific Hazards Volume and pressure increases strongly when heated. Risk of container explosion in fire.

Hazchem Code None Allocated

Precautions in connection with Fire Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste

Material Safety Data Sheet

| | | | |
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|--------------|-------|------------------------|--------------------|

Product Name : **ENVIROLUBE LCX-M 2**

according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

| | |
|--------------------------------------|---|
| Precautions for Safe Handling | Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities. |
| Conditions for Safe Storage | Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|------------------------------------|---|
| National Exposure Standards | No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m ³ . As with all chemicals, exposure should be kept to the lowest possible levels. |
| Biological Limit Values | No biological limit allocated. |
| Engineering Controls | Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements. |
| Respiratory Protection | If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices. |
| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Hand Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|---------------------|
| Appearance | Grey smooth grease. |
| Odour | Petroleum odour. |
| Melting Point | Not applicable. |

Material Safety Data Sheet

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| | | | |
|--------------|-------|------------------------|--------------------|
| Infosafe No. | LPUKP | Issue Date : June 2005 | ISSUED by ENVIROOI |
|--------------|-------|------------------------|--------------------|

Product Name : **ENVIROLUBE LCX-M 2**

| | |
|----------------------------------|---|
| Boiling Point | >170°C |
| Solubility in Water | Insoluble. |
| Specific Gravity | 0.90 (15°C) |
| pH Value | Not applicable. |
| Vapour Pressure | 0.01kPa (25°C) |
| Vapour Density (Air=1) | Not available. |
| Flash Point | >180°C (Closed Cup) |
| Auto-Ignition Temperature | Not available. |
| Flammable Limits - Lower | Not available. |
| Flammable Limits - Upper | Not available. |
| Kinematic Viscosity | 50-300 cSt (@ 40°C) 7-20 cSt (@ 100°C) |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |
| Incompatible Materials | Strong oxidising agents and acids. |
| Hazardous Decomposition Products | Thermal decomposition and combustion produce noxious fumes containing oxides of carbon, sulphur and phosphorus. |
| Hazardous Reactions | Hazardous polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| Inhalation | Inhalation of product vapours or mists may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |
| Chronic Effects | Prolonged and/or repeated skin contact with this product may cause drying and defatting, possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|--|
| Ecotoxicity | No data available for this specific material. |
| Persistence / Degradability | No data available for this specific material. |
| Mobility | No data available for this specific material. |
| Environ. Protection | Do not allow product to enter drains, waterways or sewers. |

13. DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|--|
| Disposal Considerations | Dispose of waste according to EPA, federal, state and local regulations. |
|--------------------------------|--|

14. TRANSPORT INFORMATION

| | |
|------------------------------|--|
| Transport Information | Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. |
| U.N. Number | None Allocated |
| Proper Shipping Name | None Allocated |
| DG Class | None Allocated |
| Hazchem Code | None Allocated |

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| | | | |
|--------------|-------|------------------------|--------------------|
| Infosafe No. | LPUKP | Issue Date : June 2005 | ISSUED by ENVIROOI |
|--------------|-------|------------------------|--------------------|

Product Name : **ENVIROLUBE LCX-M 2**

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

AICS (Australia) All components in this product are listed on AICS (Australian Inventory of Chemical Substances).

16. OTHER INFORMATION

Date of preparation MSDS Creation: June 2005.

or last revision of

MSDS

...End Of MSDS...

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

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Product Names(s)

EnviroLube LSD 90

Company Details

Company Name EnviroOil Co. of Australia Pty Ltd (ABN 92 108 255 410)
Address Suite 18, 12 Tryon Rd
 Lindfield, NSW 2070
Emergency Tel. (02) 9416 5418 ; 24 hr
Product and MSDS Info: (02) 9416 0628

Product Identification

Product Name ENVIROLUBE LSD 90
Product Use GEAR OIL

Hazard Identification

Hazard Classification NON-HAZRADOUS SUBSTANCE
 NON-DANGEROUS GOOD
Risk Phrases Not Applicable
Safety Phrases Not Applicable
 Hazard classification according to the NOHSC
 Dangerous goods classification according to ADG Code

Physical & Chemical Properties

Appearance Liquid
Colour Amber
Boiling point > 316°C
Melting point NA
Flash point (PMCC) > 180°C (ASTM D-93)
Flammability NE
Auto Flammability NE
Solubility in Water Negligible

pH NA
Explosive Properties NA
Oxidizing Properties NA
Vapour Pressure < 0.1 (mmHg @ 20°C)
Vapour Density > 2.0

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

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Product Names(s) **EnviroLube LSD 90**

| | |
|-----------------------|----------------------------|
| Evaporation Rate | NE |
| Relative Density | 0.88 (@15°C) |
| Partition Coefficient | > 3.5 |
| Viscosity | typically 14 cSt (@ 100°C) |
| Pour Point | < -10 °C |
| Freezing Point | NE |

NA=NOT APPLICABLE

NE=NOT ESTABLISHED

Ingredients

Composition Contains Petroleum distillates and additives
Ingredients determined not to be hazardous
CAS not required

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|-------------|---|--------------|-------------------|
| | Ingredient determined not to be hazardous | Not Required | 100% |

First Aid Measures

| | |
|------------------|---|
| Swallowed | Do not induce vomiting. As a precaution, rinse mouth with water. Seek medical attention. |
| Eye | Flush eyes immediately with fresh water for several minutes while holding the eyelids open. |
| Skin | Wash skin thoroughly with soap and water. |
| Inhaled | If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor. |
| Advice to Doctor | Treat symptomatically |

Fire Fighting Measures

| | |
|---------------------|---|
| Extinguishing media | Carbon dioxide, dry chemical, foam or water fog Do NOT use water jets. Cool containers exposed to fire with water fog. |
| Specific Hazards | Combustible C2 liquid. Fire-exposed container may rupture/explode |
| Combustion Products | May emit toxic or irritating fumes, including oxides of carbon |
| Precautions | Self contained breathing apparatus (SCBA) and full protective clothing |

Material Safety Data Sheet

Issue Date : July 2006

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Product Names(s)

EnviroLube LSD 90

Accidental Release Measures

| | |
|----------|--|
| Spills | Wear protective equipment to prevent skin and eye exposure And inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water. |
| Disposal | Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent. |

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

Storage and Transport

| | |
|--------------------------|--|
| Transport | Not classified as dangerous by the criteria of the ADG Code for transport by road or rail. UN Number: N/A Dangerous Good Class: N/A Proper Shipping Name: N/A Hazchem Code (Aus/NZ): N/A |
| Storage Regulations | Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids” |
| Stability and Reactivity | |
| Stability | Stable under normal conditions |
| Hazardous Polymerisation | Will not occur |
| Materials to avoid | Strong oxidising agents |
| Hazardous Decomposition | Thermal decomposition/combustion produces noxious fumes including carbon dioxide. |
| Conditions to avoid | Heat, direct sunlight, open flames, oxidising agents or other sources of ignition |

Material Safety Data Sheet

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Issued by : EnviroOil

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Product Names(s)

EnviroLube LSD 90

Personal Protection

| | |
|-------------------------|---|
| Eye Protection | Safety glasses |
| Clothing | Overalls, safety shoes and gloves. |
| Work/Hygienic Practices | Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. |
| Flammability | Classified as Class C2 Combustible liquid |
| Fire Hazards | See Safe Handling Information. |
| Regulatory Information | |
| Poisons Schedule | Not Schedules |
| AICS | All components in this product are listed on AICS (Australian Inventory of Chemical Substances). |

...End of MSDS....

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

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Product Names(s)

EnviroLube MTF 75W-90

Company Details

Company Name EnviroOil Co. of Australia Pty Ltd (ABN 92 108 255 410)
Address Suite 18, 12 Tryon Rd
Lindfield, NSW 2070
Emergency Tel. (02) 9416 5418 ; 24 hr
Product and MSDS Info: (02) 9416 0628

Product Identification

Product Name ENVIROLUBE MTF 75W-90
Product Use MANUAL TRANSMISSION FLUID

Hazard Identification

Hazard Classification NON-HAZRADOUS SUBSTANCE
NON-DANGEROUS GOOD
Risk Phrases Not Applicable
Safety Phrases Not Applicable
Hazard classification according the NOHSC
Dangerous goods classification according to ADG Code

Physical & Chemical Properties

Appearance Liquid
Colour Amber
Boiling point > 316°C
Melting point NA
Flash point (PMCC) > 180°C (ASTM D-93)
Flammability NE
Auto Flammability NE
Solubility in Water Negligible

pH NA
Explosive Properties NA
Oxidizing Properties NA
Vapour Pressure < 0.1 (mmHg @ 20°C)
Vapour Density > 2.0

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

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Product Names(s) **EnviroLube MTF 75W-90**

Evaporation Rate NE
Relative Density 0.87 (@15°C)
Partition Coefficient > 3.5
Viscosity typically 14 cSt (@ 100°C)
Pour Point < -10 °C
Freezing Point NE

NA=NOT APPLICABLE

NE=NOT ESTABLISHED

Ingredients

Composition Contains Petroleum distillates and additives
Ingredients determined not to be hazardous
CAS not required

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|-------------|---|--------------|-------------------|
| | Ingredient determined not to be hazardous | Not Required | 100% |

First Aid Measures

Swallowed Do not induce vomiting. As a precaution, rinse mouth with water. Seek medical attention.

Eye Flush eyes immediately with fresh water for several minutes while holding the eyelids open.

Skin Wash skin thoroughly with soap and water.

Inhaled If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.

Advice to Doctor Treat symptomatically

Fire Fighting Measures

Extinguishing media Carbon dioxide, dry chemical, foam or water fog
Do NOT use water jets. Cool containers exposed to fire with water fog.

Specific Hazards Combustible C2 liquid. Fire-exposed container may rupture/explode

Combustion Products May emit toxic or irritating fumes, including oxides of carbon

Precautions Self contained breathing apparatus (SCBA) and full protective clothing

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

Page 3 of 4

Product Names(s)

EnviroLube MTF 75W-90

Accidental Release Measures

| | |
|----------|--|
| Spills | Wear protective equipment to prevent skin and eye exposure And inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water. |
| Disposal | Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent. |

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

Storage and Transport

| | |
|--------------------------|--|
| Transport | Not classified as dangerous by the criteria of the ADG Code for transport by road or rail. UN Number: N/A Dangerous Good Class: N/A Proper Shipping Name: N/A Hazchem Code (Aus/NZ): N/A |
| Storage Regulations | Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids” |
| Stability and Reactivity | |
| Stability | Stable under normal conditions |
| Hazardous Polymerisation | Will not occur |
| Materials to avoid | Strong oxidising agents |
| Hazardous Decomposition | Thermal decomposition/combustion produces noxious fumes including carbon dioxide. |
| Conditions to avoid | Heat, direct sunlight, open flames, oxidising agents or other sources of ignition |

Material Safety Data Sheet

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Product Names(s)

EnviroLube MTF 75W-90

Personal Protection

| | |
|-------------------------|---|
| Eye Protection | Safety glasses |
| Clothing | Overalls, safety shoes and gloves. |
| Work/Hygienic Practices | Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. |
| Flammability | Classified as Class C2 Combustible liquid |
| Fire Hazards | See Safe Handling Information. |
| Regulatory Information | |
| Poisons Schedule | Not Schedules |
| AICS | All components in this product are listed on AICS (Australian Inventory of Chemical Substances). |

...End of MSDS....

Material Safety Data Sheet

Page: 1 of 4

Infosafe No. LPUI7 Issue Date : May 2005 ISSUED by ENVIROOI

Product Name : ENVIROLUBE POWERGEN 40

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name ENVIROLUBE POWERGEN 40
Company Name Enviro Oil Co of Australia
Address 12 Tryon Road Lindfield
NSW 2070 Australia
Emergency Tel. 02 9416 5418; 24hr
Telephone/Fax Number Tel: 02 9416 0628 Fax: 02 9416 2583
Recommended Use Gas engine oil.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion |
|-------------|---|--------------|-----------------|
| | Calcium long chain alkyl salicylate polymer | | 1-5 % |
| | Ingredients determined not to be hazardous | Not required | Balance to 100% |

4. FIRST AID MEASURES

Inhalation Remove affected person from contaminated area and if irritation persists, seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice.

Ingestion Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eye If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

First Aid Facilities Eye wash station and normal washroom facilities.

Advice to Doctor Treat symptomatically.

First Aid If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use foam, carbon dioxide or dry chemical.

Hazards from Combustion Products Combustion products may include oxides of carbon, sulphur, nitrogen.

Specific Hazards Classified as a Class C2 (COMBUSTIBLE LIQUID). Keep away from naked flames, sparks and other sources of ignition.

Hazchem Code None Allocated

Precautions in connection with Fire Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill.

Material Safety Data Sheet

| | | | |
|----------------|-------------------------------|-----------------------|--------------------|
| Infosafe No. | LPUI7 | Issue Date : May 2005 | ISSUED by ENVIROOI |
| Product Name : | ENVIROLUBE POWERGEN 40 | | |

| | |
|--|--|
| Methods and Materials for Containment and Clean Up Procedures | Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority. |
|--|--|

7. HANDLING AND STORAGE

| | |
|--------------------------------------|---|
| Precautions for Safe Handling | Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities. |
| Conditions for Safe Storage | Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|------------------------------------|---|
| National Exposure Standards | No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m ³ . As with all chemicals, exposure should be kept to the lowest possible levels. |
| Biological Limit Values | No biological limit allocated. |
| Engineering Controls | Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements. |
| Respiratory Protection | If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices. |
| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Hand Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. |
| Body Protection | Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Material Safety Data Sheet

| | | | |
|--------------|-------|-----------------------|--------------------|
| Infosafe No. | LPUI7 | Issue Date : May 2005 | ISSUED by ENVIROOI |
|--------------|-------|-----------------------|--------------------|

Product Name : **ENVIROLUBE POWERGEN 40**

| | |
|----------------------------------|--|
| Appearance | Amber liquid, oil. |
| Odour | Petroleum oil. |
| Melting Point | Not available. |
| Boiling Point | Not available. |
| Solubility in Water | Insoluble. |
| Specific Gravity | 0.87 @ 15°C |
| pH Value | Not available. |
| Vapour Pressure | Not available. |
| Vapour Density (Air=1) | Not available. |
| Flash Point | >180°C (Closed Cup) |
| Auto-Ignition Temperature | Not available. |
| Flammable Limits - Lower | Not available. |
| Flammable Limits - Upper | Not available. |
| Kinematic Viscosity | 130 cSt (@ 40°C) 13.5 cSt (@ 100°C) |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |
| Incompatible Materials | Strong oxidising agents and acids. |
| Hazardous Decomposition Products | Oxides of carbon, sulphur, nitrogen. |
| Hazardous Reactions | Polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------|--|
| Inhalation | Inhalation of product vapours or mists may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |
| Chronic Effects | Prolonged and/or repeated skin contact with this product may cause drying and defatting, possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|--|
| Ecotoxicity | No data available for this specific material. |
| Persistence / Degradability | No data available for this specific material. |
| Mobility | No data available for this specific material. |
| Environ. Protection | Do not allow product to enter drains, waterways or sewers. |

13. DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|--|
| Disposal Considerations | Dispose of waste according to EPA, federal, state and local regulations. |
|--------------------------------|--|

14. TRANSPORT INFORMATION

| | |
|-----------------------------|----------------|
| U.N. Number | None Allocated |
| Proper Shipping Name | None Allocated |

Material Safety Data Sheet

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| | | | |
|--------------|-------|-----------------------|--------------------|
| Infosafe No. | LPUI7 | Issue Date : May 2005 | ISSUED by ENVIROOI |
|--------------|-------|-----------------------|--------------------|

Product Name : **ENVIROLUBE POWERGEN 40**

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

**Date of preparation
or last revision of
MSDS** MSDS Creation: May 2005.

...End Of MSDS...

Material Safety Data Sheet

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| | | | |
|----------------|---------------------------------------|-----------------------|--------------------|
| Infosafe No. | LPUHZ | Issue Date : May 2005 | ISSUED by ENVIROOI |
| Product Name : | ENVIROLUBE POWERTO 410, 430, 440, 450 | | |

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

| | |
|----------------------|---|
| Product Name | ENVIROLUBE POWERTO 410, 430, 440, 450 |
| Company Name | Enviro Oil Co of Australia |
| Address | 12 Tryon Road Lindfield NSW 2070 Australia |
| Emergency Tel. | 02 9416 5418; 24hr |
| Telephone/Fax Number | Tel: 02 9416 0628 Fax: 02 9416 2583 |
| Recommended Use | Heavy duty transmission fluid. |

2. HAZARDS IDENTIFICATION

| | |
|-----------------------|--|
| Hazard Classification | NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code. |
|-----------------------|--|

3. COMPOSITION/INFORMATION ON INGREDIENTS

| | | | |
|----------------------------|---|--------------|-------------------|
| Information on Composition | Contains petroleum distillates and additives. | | |
| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
| | Ingredients determined not to be hazardous | Not required | 100 % |

4. FIRST AID MEASURES

| | |
|----------------------|--|
| Inhalation | Remove affected person from contaminated area and if irritation persists, seek medical advice. If not breathing apply artificial respiration and seek urgent medical advice. |
| Ingestion | Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention. |
| Skin | Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention. |
| Eye | If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention. |
| First Aid Facilities | Eye wash station and normal washroom facilities. |
| Advice to Doctor | Treat symptomatically. |
| First Aid | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention. |

5. FIRE FIGHTING MEASURES

| | |
|-------------------------------------|--|
| Suitable Extinguishing Media | Use foam, carbon dioxide or dry chemical to extinguish fire. Use water spray to cool storage tanks, pipelines and fire-exposed surfaces. |
| Hazards from Combustion Products | Combustion products may include oxides of carbon, sulphur, calcium, zinc and phosphorus. |
| Specific Hazards | Classified as a Class C2 (COMBUSTIBLE LIQUID). Keep away from naked flames, sparks and other sources of ignition. |
| Hazchem Code | None Allocated |
| Precautions in connection with Fire | Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. |

6. ACCIDENTAL RELEASE MEASURES

Material Safety Data Sheet

| | | | |
|----------------|---------------------------------------|-----------------------|--------------------|
| Infosafe No. | LPUHZ | Issue Date : May 2005 | ISSUED by ENVIROOI |
| Product Name : | ENVIROLUBE POWERTO 410, 430, 440, 450 | | |

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.

Biological Limit Values No biological limit allocated.

Engineering Controls Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Material Safety Data Sheet

| | | | |
|----------------|---------------------------------------|-----------------------|--------------------|
| Infosafe No. | LPUHZ | Issue Date : May 2005 | ISSUED by ENVIROOI |
| Product Name : | ENVIROLUBE POWERTO 410, 430, 440, 450 | | |

Body Protection Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|---|
| Appearance | Amber liquid, oil. |
| Odour | Petroleum oil. |
| Melting Point | Not applicable. |
| Boiling Point | Not available. |
| Solubility in Water | Insoluble. |
| Specific Gravity | 0.887 @ 15°C |
| pH Value | Not available. |
| Vapour Pressure | <5mmHg (@ 25°C) |
| Vapour Density (Air=1) | Not available. |
| Flash Point | 180°C (Closed Cup) |
| Auto-Ignition Temperature | 400°C |
| Flammable Limits - Lower | Not available. |
| Flammable Limits - Upper | Not available. |
| Kinematic Viscosity | 50-300 cSt (@ 40°C) 7-20 cSt (@ 100°C) |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Heat, direct sunlight, open flames or other sources of ignition. |
| Incompatible Materials | Strong oxidising agents and acids. |
| Hazardous Decomposition Products | Oxides of carbon, aldehydes and other products of incomplete combustion. Hydrogen sulphide and alkyl mercaptan and sulphides may also be released. |
| Hazardous Reactions | Reacts with incompatibles. |
| Hazardous Polymerization | Will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------------|--|
| Toxicology Information | No toxicity data is available for this product. |
| Inhalation | Inhalation of product vapours or mists may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May cause redness, itching and irritation. |
| Eye | May cause eye irritation, tearing, stinging, blurred vision, and redness. |
| Chronic Effects | Prolonged and/or repeated skin contact with this product may cause drying and defatting, possibly leading to dermatitis. |

12. ECOLOGICAL INFORMATION

| | |
|------------------------------------|--|
| Ecotoxicity | No data available for this specific material. |
| Persistence / Degradability | No data available for this specific material. |
| Mobility | No data available for this specific material. |
| Environ. Protection | Do not allow product to enter drains, waterways or sewers. |

Material Safety Data Sheet

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| | | | |
|--------------|-------|-----------------------|--------------------|
| Infosafe No. | LPUHZ | Issue Date : May 2005 | ISSUED by ENVIROOI |
|--------------|-------|-----------------------|--------------------|

Product Name : **ENVIROLUBE POWERTO 410, 430, 440, 450**

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to EPA, federal, state and local regulations.

14. TRANSPORT INFORMATION

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number None Allocated

Proper Shipping Name None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Creation: May 2005.

...End Of MSDS...

Material Safety Data Sheet

Page 1 of 4

Issue Date : February 2006

ISSUED by : ENVIROOIL

ENVIROLUBE RR 20W-40

COMPANY DETAILS

| | |
|-------------------------------|--|
| Company Name | EnviroOil Co. of Australia Pty Ltd |
| Address | Suite 18, 12 Tryon Rd Lindfield, NSW 2070 |
| Emergency Tel. | (02) 9416 5418 ; 24 hr |
| Product and MSDS Info: | (02) 9416 0628 |

IDENTIFICATION

| | |
|---------------------|----------------------|
| Product Name | ENVIROLUBE RR 20W-40 |
| Product Use | DIESEL ENGINE OIL |

Physical Data

| | |
|----------------------------|---------------------|
| Appearance | Liquid |
| Colour | Amber |
| Boiling point | > 316°C |
| Melting point | NA |
| Flash point (PMCC) | > 180°C (ASTM D-93) |
| Flammability | NE |
| Auto Flammability | NE |
| Solubility in Water | Negligible |

Other Properties

| | |
|------------------------------|------------------------|
| pH | NA |
| Explosive Properties | NA |
| Oxidizing Properties | NA |
| Vapour Pressure | < 0.1 (mmHg @ 20°C) |
| Vapour Density | > 2.0 |
| Evaporation Rate | NE |
| Relative Density | 0.891 (@15°C) |
| Partition Coefficient | > 3.5 |
| Viscosity | typ 15.0 cSt (@ 100°C) |
| Pour Point | < -6°C |
| Freezing Point | NE |

NA=NOT APPLICABLE NE=NOT ESTABLISHED

Ingredients

| | |
|--------------------|--|
| Ingredients | Contains Petroleum distillates and additives Ingredients determined not to be hazardous CAS not required |
|--------------------|--|

| | |
|-----------------------------------|--|
| Information on Composition | Chemical Family: Petroleum Hydrocarbon |
|-----------------------------------|--|

Material Safety Data Sheet

Issue Date : February 2006

ISSUED by : ENVIROOIL

Ingredients This product is not formulated to contain ingredients which have
Considered Hazardous to Health exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives.

HEALTH HAZARD INFORMATION

Hazard Identification Not Classified as hazardous according to NOHSC criteria
Not classified as a dangerous good according to ADG Code

Risk Phrases Not Applicable

Safety Phrases Not Applicable

Health Effects

Acute – Swallowed If more than several mouthfuls are swallowed, abdominal discomfort, nausea and diarrhea may occur.

Acute – Eye Not expected to cause eye irritation following short-term exposure.

Acute – Skin Expected to cause no more than minor skin irritation.

Acute – Inhalation Harmful concentrations of mists and/or vapors are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.

Chronic The base oil component(s) are not expected to be carcinogenic based on IARC criteria. This product has not been tested as a whole for chronic health effects.

First Aid

Swallowed No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.

Eye Flush eyes immediately with fresh water for several minutes while holding the eyelids open.

Skin Wash skin thoroughly with soap and water.

Inhaled If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.

Advice to Doctor N/A

PRECAUTIONS FOR USE

Exposure Limits This product does not contain any components that have recognized exposure limits. However, an exposure limit of 5.00 mg/m³ is suggested for oil mist.

Eng. Controls Use in well-ventilated area or with local exhaust ventilation. Vapour heavier than air – prevent concentration in hollows or sumps. Do not enter confined spaces where vapour may have collected.

Personal Protection

Eye Protection Safety glasses

Clothing Overalls, safety shoes and gloves.

Material Safety Data Sheet

Issue Date : February 2006

ISSUED by : ENVIROOIL

Work/Hygienic Practices Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Flammability
Fire Hazards See Safe Handling Information.

SAFE HANDLING INFORMATION

Storage and Transport

Transport Not classified as dangerous by the criteria of the Australian Dangerous Goods Code (ADG) for transport by road or rail.
UN Number: N/A
Dangerous Good Class: N/A
Proper Shipping Name: N/A
Hazchem Code (Aus/NZ): N/A

Storage Regulations Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids”

Spills and Disposal

Spills & Disposal Wear protective equipment to prevent skin and eye exposure and inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water.

Disposal Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent.

Fire/Explosion Hazard

Fire/Explosion Hazard Combustible liquid. May form flammable vapour mixes with air.

Electrical requirements for work areas should be assessed according to AS 3000. On burning, will emit toxic fumes, including carbon monoxide (CO). Firefighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Extinguishing Media Foam, dry agent (CO₂ or dry chemical powder).

Material Safety Data Sheet

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Issue Date : February 2006

ISSUED by : ENVIROOIL

OTHER INFORMATION

Toxicology

This product contains petroleum base oils which has been refined by processes including severe solvent extraction. These oils have not been listed in the U.S. National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as carcinogenic or probably carcinogenic to humans.

Oral LD50 (Rat) >2000 mg kg⁻¹ Dermal LD50 (Rabbit) >2000 mg kg⁻¹

Environmental Protection

Avoid contaminating waterways.
Harmful to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.

... End of MSDS...

Material Safety Data Sheet

Issue Date : July 2006

Issued by : EnviroOil

Page 1 of 4

Product Names(s)

EnviroLube XP 10W-30

Company Details

Company Name EnviroOil Co. of Australia Pty Ltd (ABN 92 108 255 410)
Address Suite 18, 12 Tryon Rd
Lindfield, NSW 2070
Emergency Tel. (02) 9416 5418 ; 24 hr
Product and MSDS Info: (02) 9416 0628

Product Identification

Product Name ENVIROLUBE XP 10W-30
Product Use PETROL ENGINE OIL

Hazard Identification

Hazard Classification NON-HAZRADOUS SUBSTANCE
NON-DANGEROUS GOOD
Risk Phrases Not Applicable
Safety Phrases Not Applicable
Hazard classification according the NOHSC
Dangerous goods classification according to ADG Code

Physical & Chemical Properties

Appearance Liquid
Colour Amber
Boiling point > 316°C
Melting point NA
Flash point (PMCC) > 180°C (ASTM D-93)
Flammability NE
Auto Flammability NE
Solubility in Water Negligible

pH NA
Explosive Properties NA
Oxidizing Properties NA
Vapour Pressure < 0.1 (mmHg @ 20°C)
Vapour Density > 2.0
Evaporation Rate NE

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Product Names(s) **EnviroLube XP 10W-30**

Relative Density 0.87 (@15°C)
Partition Coefficient > 3.5
Viscosity typically 12 cSt (@ 100°C)
Pour Point < -10 °C
Freezing Point NE

NA=NOT APPLICABLE

NE=NOT ESTABLISHED

Ingredients

Composition Contains Petroleum distillates and additives
Ingredients determined not to be hazardous
CAS not required

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|-------------|-----------------------|--------------|-------------------|
| | Ingredient determined | Not Required | 100% |
| | not to be hazardous | | |

First Aid Measures

Swallowed Do not induce vomiting. As a precaution, rinse mouth with water. Seek medical attention.

Eye Flush eyes immediately with fresh water for several minutes while holding the eyelids open.

Skin Wash skin thoroughly with soap and water.

Inhaled If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.

Advice to Doctor Treat symptomatically

Fire Fighting Measures

Extinguishing media Carbon dioxide, dry chemical, foam or water fog
Do NOT use water jets. Cool containers exposed to fire with water fog.

Specific Hazards Combustible C2 liquid. Fire-exposed container may rupture/explode

Combustion Products May emit toxic or irritating fumes, including oxides of carbon

Precautions Self contained breathing apparatus (SCBA) and full protective clothing

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Accidental Release Measures

| | |
|----------|--|
| Spills | Wear protective equipment to prevent skin and eye exposure And inhalation of vapours/mists. Work upwind or increase ventilation. Contain any spillage using absorbent soil, sand or any other inert material and prevent runoff to drains and waterways. Collect, seal and label drums for disposal. Wash down with detergent and excess water. |
| Disposal | Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent. |

New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.

Storage and Transport

| | |
|--------------------------|--|
| Transport | Not classified as dangerous by the criteria of the ADG Code for transport by road or rail. UN Number: N/A Dangerous Good Class: N/A Proper Shipping Name: N/A Hazchem Code (Aus/NZ): N/A |
| Storage Regulations | Combustible C2 liquid for storage and handling purposes. Store in a well ventilated area. Store away from halogens, strong acids, alkalis, oxidizing agents and foodstuffs. Reference should be made to AS1940-“The Storage and Handling of Flammable and Combustible Liquids” |
| Stability and Reactivity | |
| Stability | Stable under normal conditions |
| Hazardous Polymerisation | Will not occur |
| Materials to avoid | Strong oxidising agents |
| Hazardous Decomposition | Thermal decomposition/combustion produces noxious fumes including carbon dioxide. |
| Conditions to avoid | Heat, direct sunlight, open flames, oxidising agents or other sources of ignition |

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Product Names(s)

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Personal Protection

| | |
|-------------------------|---|
| Eye Protection | Safety glasses |
| Clothing | Overalls, safety shoes and gloves. |
| Work/Hygienic Practices | Avoid skin and eye contact and inhalation of vapours. Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. |
| Flammability | Classified as Class C2 Combustible liquid |
| Fire Hazards | See Safe Handling Information. |
| Regulatory Information | |
| Poisons Schedule | Not Schedules |
| AICS | All components in this product are listed on AICS (Australian Inventory of Chemical Substances). |

...End of MSDS....