

Material Safety Data Sheet

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Infosafe No™ LPXOJ Issue Date :October 2008 ISSUED by PENRITEO CS: 1.4.22

Product Name : **SIN TWO STROKE OIL**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name SIN TWO STROKE OIL
Product Code SINTS
Company Name PENRITE OIL COMPANY P/L (ABN 25005 001 525)
Address 88 Lewis Road Wantirna South
Victoria 3152 Australia
Emergency Tel. 03 9801 0877 B.H
Telephone/Fax Number Tel: 03 9801 0877
Recommended Use Synthetic two stroke racing 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

Composition, information on ingredients Carboxylic ester with additives
Ingredients

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

4. FIRST AID MEASURES

Inhalation If inhaled, remove affected person 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 in eyes, hold eyelids apart and flush the eyes immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.
First Aid Facilities Eye wash and normal washroom facilities.
Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Carbon dioxide, dry chemical and foam.
Hazards from Combustion Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, and carbon dioxide.
Products Specific Hazards Combustible liquid.
Precautions in connection with Fire Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

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 unprotected personnel. If possible contain the spill. Spillage may be slippery. Place inert,

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non-combustible absorbent material onto spillage or use hand pump. Use clean non-sparking tools to collect the material and place into suitable labelled containers for the subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

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. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the 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, drill, grind, weld or perform similar operations on or near containers. Do not remove labels. 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. |
| Storage Regulations | Classified as a Class C1 Combustible liquid for the purposes of storage and handling. 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. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 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. TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. |
| Biological Limit Values | No biological limit allocated. |
| Engineering Controls | Use with good general ventilation. |
| Respiratory Protection | Respiratory protection not required. |
| Eye Protection | Under general conditions not required. If there is a risk of splashing, suitable eye protection as appropriate recommended, conforming with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Hand Protection | Wear gloves of impervious material such as nitrile. 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 | Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
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| Appearance | Reddish clear liquid |
| Odour | Not available |
| Freezing Point | Not available |
| Boiling Point | Not available |
| Solubility in Water | Insoluble |

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| pH Value | Not applicable |
| Vapour Pressure | Not available |
| Vapour Density (Air=1) | Not available |
| Viscosity | 9.4 cSt at 100°C 53 cSt at 40°C |
| Density | 0.873 at 15°C |
| Flash Point | 94°C |
| Flammability | Combustible liquid |
| Auto-Ignition Temperature | >100°C |
| Flammable Limits - Lower | Not available |
| Flammable Limits - Upper | Not available |

10. STABILITY AND REACTIVITY

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| Chemical Stability | Stable under normal conditions of storage and handling. |
| Conditions to Avoid | Heat and moisture. |
| Incompatible Materials | Natural rubber |
| Hazardous Decomposition Products | Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide. |
| Hazardous Polymerization | Will not occur. |

11. TOXICOLOGICAL INFORMATION

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| Toxicology Information | No toxicology data available for this specific 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 | Not known |

12. ECOLOGICAL INFORMATION

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|------------------------------------|--|
| Ecotoxicity | No data is available for this material. Not thought to be hazardous for aquatic and land life. |
| Persistence / Degradability | Not available |
| Mobility | Insoluble in water. |
| Bioaccumulative Potential | Not available |
| Environ. Protection | Do not allow product to enter drains, waterways or sewers. |

13. DISPOSAL CONSIDERATIONS

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| Disposal Considerations | The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. |
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14. TRANSPORT INFORMATION

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

Regulatory Information Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Prepared: September 2008

Contact Person/Point TITLE: Technical and Marketing Director
TELEPHONE NUMBER: 03 9801 0877 B.H
...End Of MSDS...

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