

# Material Safety Data Sheet

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Infosafe No. C90H5 Issue Date : December 2006 ISSUED by PENRITEO

Product Name : **HONING OIL**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** HONING OIL  
**Product Code** HON  
**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** Tel:  
**Number** 03 9801 0877  
**Recommended Use** Neat cutting 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** Mixture of highly refined mineral oils, anti-wear/lubricity additives and sulphurised ester and fatty acids.

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

## 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, foam or water mist.  
**Hazards from Combustion Products** Carbon oxides (CO, CO<sub>2</sub>), sulphur oxides (SO<sub>x</sub>), sulphur compounds (H<sub>2</sub>S), smoke and irritating vapours as products of incomplete combustion.  
**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

**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.

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## 7. HANDLING AND STORAGE

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<b>Precautions for Safe Handling</b>	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. Wear appropriate protection. 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.
<b>Conditions for Safe Storage</b>	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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>National Exposure Standards</b>	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 <sup>3</sup> . As with all chemicals, exposure should be kept to the lowest possible levels.
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Other Exposure Information</b>	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.
<b>Engineering Controls</b>	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.
<b>Respiratory Protection</b>	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.
<b>Eye Protection</b>	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.
<b>Hand Protection</b>	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.
<b>Body Protection</b>	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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Amber liquid
<b>Odour</b>	Bland
<b>Melting Point</b>	Not available.

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<b>Boiling Point</b>	Not available.
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	0.862 @ 15°C
<b>pH Value</b>	Not applicable.
<b>Vapour Pressure</b>	Not available.
<b>Vapour Density (Air=1)</b>	Not available.
<b>Viscosity</b>	3.0 cSt @100°C 11.8 cSt @40°C
<b>Flash Point</b>	168°C
<b>Flammability</b>	Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition.
<b>Auto-Ignition Temperature</b>	Not available.
<b>Flammable Limits - Lower</b>	Not available.
<b>Flammable Limits - Upper</b>	Not available.

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidising agents, acids and alkalies.
<b>Hazardous Decomposition Products</b>	May release CO <sub>x</sub> , SO <sub>x</sub> , H <sub>2</sub> S, smoke and irritating vapours when heated to decomposition.
<b>Hazardous Reactions</b>	Hazardous polymerisation will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	No toxicology data available for this product.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	May cause redness, itching and irritation.
<b>Eye</b>	May cause eye irritation, tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Repeated or prolonged skin contact may lead to dermatitic effects.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No data is available for this material.
<b>Persistence / Degradability</b>	No data is available for this material.
<b>Mobility</b>	No data is available for this material.
<b>Environ. Protection</b>	Avoid contaminating waterways.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Considerations</b>	Dispose of waste according to federal, EPA and state regulations.
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## 14. TRANSPORT INFORMATION

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<b>Transport Information</b>	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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**U.N. Number**            None Allocated

**Proper Shipping Name**        None Allocated

**DG Class**                None Allocated

**Hazchem Code**            None Allocated

**Packing Group**            None Allocated

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## 15. REGULATORY INFORMATION

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**Poisons Schedule**        Not Scheduled

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## 16. OTHER INFORMATION

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**Date of preparation**        MSDS Reviewed: December 2006

**or last revision of**        MSDS Superseded: January 2006

**MSDS**

**Contact Person/Point**    TITLE:                    Technical and Marketing Director

TELEPHONE NUMBER: 03 9801 0877 B.H

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