

Material Safety Data Sheet

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Infosafe No. 1JB9V Issue Date : December 2002 ISSUED by MING

Product Name : **MING OIL CONDITIONER**

Classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name MING STEALSTOPPER (VIC) PTY LTD
Address 275 Canterbury Road Canterbury
Victoria 3126 Australia
Tel/Fax Tel: (03) 9888-6789 Fax: (03) 9888-6944

IDENTIFICATION

Product Name MING OIL CONDITIONER
Proper Shipping Name None Allocated
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule Not Scheduled
Product Use Product is an additive concentrate to enhance engine oil performance

Physical Data

Appearance Viscous liquid - Colour brown - Odour oily
Melting Point Not applicable
Boiling Point Not applicable
Vapour Pressure Not applicable
Flash Point >61°C (ASTM D 93)
Solubility in Water Insoluble in water
Density 0.923 @ 15°C (ASTM D 1298)

Other Properties

Viscosity Kinematic Viscosity: 205 mm²/s @ 40°C (ASTM D 445)
Kinematic Viscosity: mm²/s @ 100°C (ASTM D 445)
Stability Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use.
Haz. Polymerization Hazardous polymerisation reactions will not occur
Materials to Avoid Avoid contact with strong oxidising agents
Explosion Limit - Upper Not applicable
Explosion Limit - Lower Not applicable

Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Solvent Neutral Base Oils	64741-91-9	50-98 %
	Proprietary Oil Additive Mixture		1-15 %
	C1-C14 Zinc Alkyldithiophosphate	68649-42-3	1-5 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea
Acute - Eye Unlikely to cause more than transient stinging or redness if accidental eye contact occurs
Acute - Skin May cause skin irritation. Avoid repeated or prolonged exposure as may lead to dermatitis.

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Acute - Inhaled At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May cause irritation to eyes, nose and throat due to exposure to vapour, mists or fumes. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occur.

First Aid

Swallowed If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, DO NOT INDUCE VOMITING. Seek medical advice

Eye Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.

Skin Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

Inhaled If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice

Advice to Doctor

Advice to Doctor Treatment should in general be by symptomatic and directed to relieving any effects. Aspiration of the product is unlikely to occur except as the result of ingestion, followed by vomiting or regurgitation in a partially or totally unconscious individual, when immediate effects are most likely to result from the aspiration of acidic stomach contents. If it should occur, transport casualty immediately to hospital.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits If vapour, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level. Worksafe Australia recommend an exposure standard of 5 mg/m³ for oil mist for an 8 hour time weighted average (TWA).

Eng. Controls Ensure good ventilation. Avoid, as far as reasonably practicable, inhalation of vapour, mists or fumes generated during use.

Personal Protection

Protective Equip. Wear face visor or goggles in circumstances where eye contact can accidentally occur. Change heavily contaminated clothing as soon as reasonably practicable and launder before reuse. Wash any contaminated underlying skin with soap and water. If skin contact is likely, wear impervious protective clothing and/or gloves. Respiratory protection is unnecessary, provided the concentration of vapour, mists or fumes is adequately controlled. The use of respiratory equipment must be strictly in accordance with the manufacturers' instructions and any statutory requirements governing its selection and use.

Flammability

Fire Hazards The material is combustible

SAFE HANDLING INFORMATION

Storage and Transport

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Storage and Transport Keep out of reach of children. Store under cover away from heat and sources of ignition.
Avoid contact with eyes. If splashing is likely to occur, wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product. Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets. The use of a recommended barrier cream on the hands before commencing work may be helpful in assisting subsequent removal of any product accidentally contaminating the skin. After washing the application of a suitable conditioning cream may help to prevent cracking, fissuring or dryness of the skin.

Proper Shipping Name None Allocated

Spills and Disposal

Spills & Disposal Contain and recover spilled material using sand or other suitable inert absorbent material. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated. Spilled material may make surfaces slippery. Protect drains from potential spills to minimise contamination. Do not wash product into drainage system.
In the case of large spills, contact the appropriate authorities. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies.
Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations. Incineration may be carried out under controlled conditions provided that local regulations for emissions are met. Where possible, arrange for product to be recycled. Dispose of product and container carefully and responsibly. Do not dispose of near ponds, ditches, down drains or onto soil.

Fire/Explosion Hazard

Fire/Explos. Hazard Product soaked rags, paper or material used to absorb spillages, represent a fire hazard, and should not be allowed to accumulate. Dispose of safely immediately after use.
Toxic fumes may be evolved on burning or exposure to heat. Use foam, dry powder or water fog. DO NOT USE water jets. Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus. Water may be used to cool nearby heat exposed areas/objects/packages. Avoid spraying directly into storage containers because of the danger of boil over.
This product is combustible

Hazardous Decomposition or Byproducts Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions. Incomplete combustion/thermal decomposition will generate smoke, carbon dioxide and hazardous gases, which will include carbon monoxide

Hazchem Code None Allocated

OTHER INFORMATION

Risk Statement R45(2) May cause cancer.

Safety Statement S45 In case of accident or if unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).
S53 Avoid exposure - obtain special instructions before use.

Hazard Category Toxic

Mobility Spillages may penetrate the soil causing ground water contamination

Persistence / Degradability This product is inherently biodegradable

Bioaccumulation There is no evidence to suggest bioaccumulation will occur

Acute Toxicity - Fish Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

CONTACT POINT

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...End Of MSDS...