

Material Safety Data Sheet

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Infosafe No. NIX1R Issue Date : December 2002 ISSUED by MING

Product Name : **MING BRAKE AND CLUTCH FLUID**

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 BRAKE AND CLUTCH FLUID
Proper Shipping Name None Allocated
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule S5
Product Use Maintains maximum braking performance by minimising vaporisation and 'vapour lock'. Ensures smooth and rapid clutch response.

Physical Data

Appearance Dark green or straw to light amber liquid
Boiling Point 230 deg C
Vapour Pressure <1 mmHg @ 25 deg C
Specific Gravity 1.07
Flash Point >134 deg C
Flamm. Limit LEL Not available
Flamm. Limit UEL Not available
Solubility in Water Soluble

Other Properties

Autoignition Temp. Not available
Vapour Density Not applicable
Not determined
pH Value 7 - 11.5
Haz. Polymerization Does not occur.
Materials to Avoid Strong oxidising agents

Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Polyglycol ethers		30-60 %
	Borate of triethylen glycol monomethyl ether		30-60 %
	Polyglycol		30-60 %
	Dye		0-9.99 %
	Corrosion inhibitor		0-9.99 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Harmful by swallowing. May be fatal if swallowed
Acute - Eye May cause slight eye irritation.
Acute - Skin Expected to cause no more than minor skin irritation. May be absorbed through the skin.

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Acute - Inhaled Will cause respiratory irritaiton, headache, drowsiness or unconsciousness and may result from vapours or mist in poorly ventilated confined areas.

Chronic Prolonged or frequently repeated skin contact may cause more severe irritation or may cause the skin to become cracked or dry from the defatting action of this material.

First Aid

Swallowed If swallowed and person is conscious, give water or milk to drink and telephone for medical advice. DO NOT MAKE PERSON VOMIT UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. If medical advice cannot be obtained, take the person and product container to the nearest medical emergency treatment centre or hospital. Never give anything by mouth to an unconscious person.

Eye Flush eyes immediately with fresh water for several minutes while holding eyelids open. If irritation develops or persists see a doctor.

Skin Wash with soap and water. Remove contaminated clothing and wash before reuse.

Inhaled If overcome by vapours, remove to fresh air and allow to recover. Get medical aid.

First Aid Facilities Warm water, mild soap and eye wash are required near work site.

Advice to Doctor

Advice to Doctor Treat symptomatically.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits No exposure standard has been established for this product by Worksafe Australia.

Other Exposure Info. Avoid skin and eye contact

Eng. Controls Local exhaust ventilation may be required if mists are likely to be generated.

Personal Protection

Respirator Type (AS 1716) Airborne concentrations should be kept to lowest levels possible. If vapour, mist or dust is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate AS/NZS 1715/1716 approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.

Eye Protection No special eye protection is necessary, unless splashing is likely, then it is recommended that safety glasses or goggles be used.

Clothing Workers should wash exposed skin several times daily with soap and water. Soiled work clothing should be laundered or dry cleaned.

Flammability

Fire Hazards Combustible liquid, C2
Avoid sources of ignition, heat and naked flames

SAFE HANDLING INFORMATION

Storage and Transport

Storage and Transport Store away from sources of ignition and oxidising materials. Keep container closed when not in use. Use adequate ventilation. Classified as C2 (Combustible Liquid) for the purpose of storage and handling, in accordance with the requirements of AS1940. Refer to State Regulations for storage and transfer requirements. This material is a Scheduled S5 Poison and must be stored, handled and used according to the appropriate Commonwealth Regulations. Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Proper Shipping Name None Allocated

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Spills and Disposal

Spills & Disposal Stop the source of the leak or release and contain spill if possible. Ventilate area. Use respirator and protective clothing as discussed in this MSDS. Cover spill with a generous amount of inert absorbent (sand, earth or vermiculite - do not use sawdust). Use a stiff broom to mix thoroughly. Sweep up and place in a labelled disposable container. Scrub contaminated area with detergent and water using a stiff broom. Pick up liquid with additional absorbent and place in a disposable container. Prevent contamination of groundwater or surface water.

Fire/Explosion Hazard

Fire/Explos. Hazard For fires involving this material, do not enter any enclosed or confined spaces without self contained breathing apparatus to protect against the hazardous effects of combustion products or oxygen deficiency.

Extinguishing Media Use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to cool fire exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapours and to provide protection for persons attempting to stop the leak.

Hazardous Reaction Carbon monoxide and dioxide may be formed on burning in limited air supply.

Hazchem Code None Allocated

OTHER INFORMATION

Toxicology Contains a solvent that may cause adverse systemic effects when ingested, inhaled, or absorbed through the skin. This product contains polyalkylene glycols, polyalkylene glycol ethers, and ether esters. Reported effects include kidney damage from high doses or from prolonged or repeated exposure. While normal use of this material should not result in any adverse effects, we strongly recommend that the precautions outlined in this MSDS be followed to reduce skin contact and keep potential inhalation of mists to a minimum.

Risk Statement R22 Harmful if swallowed.
R37 Irritating to respiratory system.

Safety Statement S2 Keep out of reach of children.

Hazard Category Harmful, Irritant

Ecotoxicity No specific ecotoxicity data on this product are available.

Other Information Major Precautions:
Harmful or fatal if swallowed
Keep out of reach of children
May cause irritation to eyes.

CONTACT POINT

Contact DISCLAIMER: The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.
...End Of MSDS...