

Material Safety Data Sheet

Printing Date: 10.09.2009

Reviewed on 10.09.2009

Trade Name: CAPS COOLANT FLUID

1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name: CAPS COOLANT FLUID

Application of the substance / the preparation: Lubricating oil

Manufacturer/Supplier:

CAPS Australia Pty Ltd
 18 – 20 Stamford Road
 Oakleigh Victoria 3166
 Phone: (03) 9314 5599
 Fax: (03) 9314 5922

Further information obtainable from: Material Compliance Management

Information in case of emergency:
 (03) 9314 5599 (9am-5pm AEST, Mon-Fri)

2 Composition/information on ingredients

NOT HAZARDOUS ACCORDING TO THE CRITERIA OF THE AUSTRALIAN NOHSC
 NOT A DANGEROUS GOOD ACCORDING TO AUSTRALIAN DANGEROUS GOODS CODE

Chemical Characterisation

Description:

Polyalkylene glycol oil
 Ester oil

Dangerous components:

CAS: 68411-46-1	diphenylamine, diisobutylene reaction product	R 52/53	≤ 2.5%
EINECS: 270-128-1			

Additional information: For the wording of the listed risk phrases refer to section 16

3 Hazards identification

Hazard description: Not applicable

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

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After skin contact: Wash off with soap and plenty of water.

After eye contact:

Rinse for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Take one or two glasses of water. Consult a doctor.

5 Fire-fighting measures

Suitable extinguishing agents:

Water fog / spray

Foam

Fire-extinguishing powder

Carbon dioxide

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards caused by the substance, the product of combustion or resulting gases:

In case of fire, the following could be released:

Carbon monoxide (CO)

Hydrocarbons

Protective equipment:

Do not inhale explosion gases or combustion gases.

Standard procedure for chemical fires.

Additional information:

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

Person-related safety precautions: Particular danger of slipping on leaked/spilled product.

Measures for environmental protection: Do not allow to enter sewers/surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

7 Handling and storage

Handling:

Information for safe handling: Prevent formation of aerosols.

Information about fire and explosion protection: No special measures required.

Storage:

Requirements to be met by storerooms and receptacles:

Store in cool, dry conditions in well sealed receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

Further information about storage conditions: None

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8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: There are no exposure limits for this substance in Australia.

Personal protective equipment:

General protective and hygienic measures:

Do not inhale gases / fumes / aerosols.

Immediately remove all soiled and contaminated clothing.

Avoid close or long term contact with the skin and eyes.

Be sure to clean skin thoroughly after work and before breaks.

Protection of hands: Preventative skin protection by use of rubber gloves.

Eye protection: Splash goggles recommended. Eye wash baths should be available.

9 Physical and chemical properties

General information

Form:	Fluid
Colour:	Colourless
Odour:	Product specific

Change in condition

Pour point:	~ -35°C (DIN ISO 3016)
Flash point:	> 240°C (DIN ISO 2592)
Ignition temperature:	> 395°C (DIN 51 794)
Danger of explosion:	Product does not present an explosion hazard
Density at 20°C:	~ 0.96 g/cm ³ (DIN 51757)
Solubility in water:	Insoluble
Viscosity:	
Kinematic at 40°C:	~ 55 mm ² /s (DIN 51562)

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

Materials to be avoided: Oxidizing agents

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: None if processed correctly.

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11 Toxicological information

Additional toxicological information:

Prolonged skin contact may cause skin irritation and/or dermatitis.

12 Ecological information

Ecotoxicological effects:

Behaviour in sewage processing plants: The product can be mechanically separated.

General notes: Do not allow product to reach ground water, water courses or sewage system.

13 Disposal considerations

Product:

Recommendation

Dispose of in accordance with local and national waste regulations. The product may be disposed by: reaction, incineration or landfill in an approved facility with appropriate emission control equipment.

Uncleaned packaging:

Recommendation:

Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning.

14 Transport information

Australian Dangerous Goods Code:

Class FREE

Land transport ADR/RID (cross-border)

ADR/RID Class: FREE

Maritime transport IMDG:

IMDG Class: FREE

Air transport ICAO-TI and IATA-DGR)

ICAO/IATA Class: FREE

Transport/Additional information:

Not classified as dangerous according to the above specifications.

15 Regulatory information

Australian Inventory of Chemical Substances

The components of this product are in compliance with the chemical notification requirements of Australia.

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Poison schedule (SUSDP)

Not scheduled

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

Special labelling of certain preparations:

Safety data sheet available for professional user on request.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Australian acronyms:

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail

AICS: Australian Inventory of Chemical Substances

ASCC (Australian Safety & Compensation Council (administers NOHSC publications)

NICNAS: National Industrial Chemicals Notification and Assessment Scheme

NOHSC: National Occupational Health and Safety Commission

SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons

STEL (15 min): Short Term Exposure Limit over 15 minutes

TWA (8 h): Time Weighted Average over 8 hours

Relevant R-phrases:

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.