

Material Safety Data Sheet

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Infosafe No. 2FU05 Issue Date: May 2000

ISSUED by FUCHS

Product Name: **ECOCOOL S C05**

REORDER CODE - COOLANTTCT

Not Classified as Hazardous according to criteria of Worksafe Australia

NZ AGENT – THODE KNIFE & SAWS LTD

COMPANY DETAILS

Company Name Fuchs Australia Pty Ltd (ACN 005 681 916)

Address 49 McIntyre Rd Sunshine Vic 3020

Emergency Tel. 03 9300 6400 (BUS)

Tel/Fax Ph: 03 93006400 Fax: 03 93006401

IDENTIFICATION

Product Name ECOCOOL S C05

Proper Shipping Name None Allocated

Other Names Name Mancode

UN Number None Allocated

DG Class None Allocated

Packing Group None Allocated

Hazchem Code None Allocated

Poisons Schedule Not Scheduled

Physical Data

Appearance Clear colourless concetrate

Specific Gravity 1.09 Typical @15°C

Solubility in Water Soluble.

Other Properties

pH Value pH (5% dilution): 8.6 Typical

Viscosity Viscosity @ 20°C: 9cSt

Form Liquid.

Materials to Avoid Store away from oxidizing or combustible materials.

Other Information Ecocool S C05 was specifically developed for the grinding of tungsten carbides, where cobalt solubility has to be avoided. Minor discoloration or flocculation in the cutting fluid concentrate is product-specific and causes no reduction in quality or performance.

Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Other ingredients determined not to be hazardous	Not required	60-100%
	Alkanolamine	929-06-6	10-30%
	Benzotriazole derivative	mixture	0-10%
	Boric Acid	10043-35-3	0-10%

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HEALTH HAZARD INFORMATION

Health Effects

- Acute - Swallowed** Swallowing can result in irritation and burns of the throat and stomach. Ingestion of large amounts may cause nausea, vomiting, cyanosis, convulsions and low blood pressure.
- Acute - Eye** May be an eye irritant.
- Acute - Skin** May be a skin irritant.
- Acute - Inhaled** Inhalation of vapours may cause dizziness, headache, vomiting, shortness of breathe and blueness of the lips and skin.
- Chronic** Prolonged or repeated contact with skin may result in irritation and in more severe cases dermatitis.

First Aid

- Swallowed** DO NOT induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink and seek immediate medical assistance.
- Eye** Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelides to be held open. In all cases of eye contamination it is a sensible precaution to seek medical assistance. Transport to a hospital or medical centre.
- Skin** Wash effected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
- Inhaled** Remove victim from exposure - avoid becoming a casualty. For all but minor symptoms arrange for patient to be seen by a doctor as soon as possible - either on site or at the nearest hospital. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable postion and keep warm. Keep at rest until fully recovered. seek medical advice.

First Aid Facilities Normal washroom facilities.

Advice to Doctor

Advice to Doctor Treat symptomatically.

Other Health Hazard Information

PRECAUTIONS FOR USE

- Other Exposure Info** No value assigned for this specific material by the National Occupational Health & Safety Commision. Maintain exposure to a minimum.
- Eng. Controls** Maintain concentration below recommended exposure limit.

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If risk of over exposure exists, wear SSA approved respirator.

Personal Protection

Protective Equip. Overalls, safety glasses and impervious gloves eg: PVC. Avoid skin and eye contact and inhalation of mists/aerosols. Wash contaminated clothing and protective equipment before storing re-using. Avoid carrying contaminated rags in pockets or wearing of soaked clothing. If risk of inhalation of spray mist exists, wear combined organic vapour/particulate respirator meeting the requirements of AS1715 and AS1716. If using a respirator ensure that the cartridges are correct for the potential air contamination and are in good working order.

Flammability

Fire Hazards Non flammable.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions Store in a cool dry place out of direct sunlight. Protect containers against physical damage and check regularly for leaks. Do not store in open or unlabelled containers. Store away from oxidising agents or combustible material.

Handling Observe standard safety precautions and good working practices.

Storage and Transport Store in cool place and out of direct sunlight.

Proper Shipping Name None Allocated

EPG Number

IERG Number

Spills and Disposal

Spills & Disposal Contain - prevent contamination to drains and waterways. Use absorbent (soil or sand, sawdust, inert material, vermiculite). Collect and seal properly labelled drums for disposal. Dispose waste as per Local, State and Federal Land Waste Management Authorities.

Fire/Explosion Hazard

Fire/Explos. Hazard Extinguish fire with the following : Use CO2, dry chemical or foam. On burning will emit toxic fumes of carbon monoxide, acrid smoke and carbon dioxide. Fire fighters to wear self contained breathing apparatus if risk of exposure to products of decomposition.

Hazchem Code None Allocated

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OTHER INFORMATION

Environ. Protection Non-biodegradable.

Safety Statement S24/25 Avoid contact with skin and eyes.

Pkg. & Labelling Not Regulated.

CONTACT POINT

Contact Laboratory Manager (03) 9300 6400
R & D Chemist (03) 9300 6400

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it to be accurate. However no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

User Information Issue Date: 26.05.00 Supercedes Issue: 18.01.00

Reason(s) for Issue: Product is no longer classified as Corrosive.

Safety data sheets are updated frequently. Please ensure that you have a current copy.

...End of Report...

Supplied in – 4 ltr, 20 ltr OR 205 ltr