

Material Safety Data Sheet

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ROCOL ULTRACUT PREMIUM

Infosafe™ C40AA Issue Date January 2011 Status ISSUED by BS:
No. ITWPOLY 1.15.1

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Rocol Ultracut Premium

Company Name ITW Polymers and Fluids Pty Ltd (ABN 63 004 235 063)

Address 100 Hassall Street Wetherill Park
NSW 2164

Emergency Tel. 1800 039 008/ +61 3 9573 3112

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Recommended Use Cutting/grinding fluid.

Other Names None Listed

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.

Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Not Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Risk Phrase(s) None under normal operating conditions.

Safety Phrase(s) Do not breathe gas/fumes/vapour/spray.
Avoid contact with skin.
Wear eye/face protection.
In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical

Characterization Liquid

Ingredients	Name	CAS	Proportion
	Mineral oil	Not avail.	30-60 %
	Condensation product containing boron		10-30 %
	Chlorinated Wax		<10 %
	Emulsifier and corrosion inhibitor		<10 %
	Biocide		<1 %
	Water	7732-18-5	<10 %

4. FIRST AID MEASURES

Inhalation	<p>If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.</p>
Ingestion	<p>For advice, contact a Poisons Information Centre or a doctor. If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</p>
Skin	<p>If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.</p>
Eye	<p>If this product comes in contact with the eyes: Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or</p>

recurs seek medical attention.
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Advice to Doctor Treat symptomatically.
Heavy and persistent skin contamination over many years may lead to dysplastic changes. Pre-existing skin disorders may be aggravated by exposure to this product.
In general, emesis induction is unnecessary with high viscosity, low volatility products, i.e. most oils and greases.
High pressure accidental injection through the skin should be assessed for possible incision, irrigation and/or debridement.
NOTE: Injuries may not seem serious at first, but within a few hours tissue may become swollen, discoloured and extremely painful with extensive subcutaneous necrosis.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Foam.
Dry chemical powder.
BCF (where regulations permit).
Carbon dioxide.

Special Protective Equipment for fire fighters Gas tight chemical resistant suit.
Limit exposure duration to 1 BA set 30 mins.

Specific Methods Alert Fire Brigade and tell them location and nature of hazard.
Wear breathing apparatus plus protective gloves.
Prevent, by any means available, spillage from entering drains or water course.
Use water delivered as a fine spray to control fire and cool adjacent area.

Specific Hazards Combustible.
Slight fire hazard when exposed to heat or flame.
Heating may cause expansion or decomposition leading to violent rupture of containers.
On combustion, may emit toxic fumes of carbon monoxide (CO).
Other combustion products include: carbon dioxide (CO₂), nitrogen oxides (NO_x), metal oxides and sulfur oxides (SO_x).

Hazchem Code None (ADG7)

Decomposition Temp. Not available.

Other Information FIRE INCOMPATIBILITY:
Avoid contamination with strong oxidising agents as ignition may result.

6. ACCIDENTAL RELEASE MEASURES

Clean-up Methods - Small Spillages Slippery when spilt.
Clean up all spills immediately.
Avoid breathing vapours and contact with skin and eyes.
Control personal contact by using protective equipment.
Contain and absorb spill with sand, earth, inert material or vermiculite.

Clean-up Methods - Large Spillages Slippery when spilt.
Remove all ignition sources.
Minor hazard.
Clear area of personnel.
Alert Fire Brigade and tell them location and nature of hazard.
Control personal contact by using protective equipment as required.
Prevent spillage from entering drains or water ways.

Other Information Personal Protective Equipment advice is contained in Section 8 (EXPOSURE CONTROLS/PERSONAL PROTECTION) of the MSDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling Remove all ignition sources.
Limit all unnecessary personal contact.
Wear protective clothing when risk of exposure occurs.
Use in a well-ventilated area.
Avoid contact with incompatible materials.

Conditions for Safe Storage SUITABLE CONTAINER:
Metal can or drum
Packaging as recommended by manufacturer.
Check all containers are clearly labelled and free from leaks.

STORAGE INCOMPATIBILITY:
Avoid storage with oxidisers.

STORAGE REQUIREMENTS:
Store in original containers.
Keep containers securely sealed.
Store in a cool, dry, well ventilated area.
DO NOT allow to freeze.
DO NOT store above 50 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

Source	Material	TWA	TWA	STEL	STEL	Peak	Peak	TWA	Notes
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	F/CC	
Australia	Mineral oil (Oil Standards mist, refined mineral)	5							

The following materials had no OELs on our records
Water: CAS:7732- 18- 5

Engineering Controls General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances.

Respiratory Protection Type A Filter of sufficient capacity.

Eye Protection Safety glasses with side shields; or as required. Chemical goggles.
Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

Hand Protection Wear chemical protective gloves, eg. PVC.

Personal Protective Equipment Overalls.
Barrier cream
Eyewash unit.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult site specific data (if available), or your Occupational Health and Safety Advisor.

Footwear Wear safety footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid

Physical and Chemical Properties Liquid.
Mixes with water.

Appearance Brown oily liquid; mixes with water.

Decomposition Temperature Not available.

Melting Point Not available.

Boiling Point Not available.

Solubility in Water	Miscible
Specific Gravity	1.01
pH Value	Not applicable (1% solution) Not applicable (as supplied)
Vapour Pressure	Not available.
Vapour Density (Air=1)	Not available.
Evaporation Rate	Not available
Volatile Component	Not available.
Flash Point	> 150°C
Auto-Ignition Temperature	Not available.
Molecular Weight	Not applicable
Explosion Limit - Upper	Not applicable
Explosion Limit - Lower	Not applicable

10. STABILITY AND REACTIVITY

Conditions to Avoid	<p>CONDITIONS CONTRIBUTING TO INSTABILITY: Presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur. For incompatible materials - refer to Section 7 - Handling and Storage.</p>
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11. TOXICOLOGICAL INFORMATION

Toxicology Information	<p>TOXICITY AND IRRITATION</p> <p>ROCOL ULTRACUT PREMIUM: Not available. Refer to individual constituents.</p> <p>MINERAL OIL: Unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.</p> <p>Toxicity and Irritation data for petroleum-based mineral</p>
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oils are related to chemical components and vary as does the composition and source of the original crude.

A small but definite risk of occupational skin cancer occurs in workers exposed to persistent skin contamination by oils over a period of years.

Petroleum oils which are solvent refined/extracted or severely hydrotreated, contain very low concentrations of both.

WATER:

No significant acute toxicological data identified in literature search.

Health Hazard ACUTE HEALTH EFFECTS:
Generally not applicable.

Chronic Effects Generally not applicable.

12. ECOLOGICAL INFORMATION

Ecological Information No data

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Recycle wherever possible or consult manufacturer for recycling options.
Consult State Land Waste Authority for disposal.
Bury or incinerate residue at an approved site.
Recycle containers if possible, or dispose of in an authorised landfill.

14. TRANSPORT INFORMATION

Transport Information NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMDG

Hazchem Code None (ADG7)

15. REGULATORY INFORMATION

Regulatory Information Regulations for ingredients:

Water (CAS: 7732-18-5) is found on the following regulatory lists:

'Australia Inventory of Chemical Substances (AICS)', 'IMO IBC Code Chapter 18: List of products to which the Code does not apply', 'International Fragrance Association (IFRA) Survey: Transparency List', 'OECD Representative List of High Production Volume (HPV) Chemicals'

No data for Rocol Ultracut Premium (CW: 4908-62)
No data for mineral oil (CAS: Not avail)

**Poisons
Schedule** Not Scheduled

16. OTHER INFORMATION

**Other
Information** Version No: 2.0
C9317EC

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

This MSDS has been transcribed into Infosafe NOHSC format from an original issued by the manufacturer on the date shown. Any disclaimer by the manufacturer may not be included in the transcription.

End of MSDS

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Print Date: 17/01/2014

BS: 1.15.1