

Material Safety Data Sheet

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ROCOL RTD METALCUTTING LIQUID

Infosafe™ FBA5T Issue Date November 2008 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 RTD METALCUTTING LIQUID

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

Telephone/Fax Number Tel: +61 2 9757 8800
Fax: +61 2 9757 3855

Recommended Use Metal cutting lubricant.

Other Names None Listed

Additional Information Emergency Tel: 1800 039 008
Emergency Tel: +61 3 9573 3112

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) None under normal operating conditions.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical

Characterization Liquid

Ingredients	Name	CAS	Proportion
	Chlorinated waxes		>60 %
	Sulfurised Oil		10-30 %

Other

Information

NOTE: Manufacturer has supplied full ingredient information to allow assessment.

4. FIRST AID MEASURES

Inhalation

- . If fumes or combustion products are inhaled remove from contaminated area.
- . Lay patient down. Keep warm and rested.
- . Prosthesis 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.

Ingestion

- . 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.

Skin

- 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.

Eye

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

Advice to

Doctor

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	. Foam. . Dry chemical powder. . BCF (where regulations permit). . Carbon dioxide.
Special Protective Equipment for fire fighters	Glasses: Gloves: Chemical goggles. PVC chemical resistant type.
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 (CO ₂), sulfur oxides (SO _x), chlorine, hydrogen chloride and hydrogen sulfide (H ₂ S).
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. . Remove all ignition sources. . Clean up all spills immediately. . Avoid breathing vapours and contact with skin and eyes. . Control personal contact by using protective equipment.
Clean-up Methods - Large Spillages	Remove all ignition sources. Slippery when spilt. 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

- . Avoid smoking, naked lights or 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.
- . No smoking, naked lights or ignition sources.
- . Store in a cool, dry, well-ventilated area.
- . DO NOT allow product to freeze.

DO NOT store above 50 deg. C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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 OTHER

- . Overalls.

Equipment . Eyewash unit.
Footwear Wear safety footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid

Physical and Chemical Properties Liquid.
Does not mix with water.
Sinks in water.

Appearance Dark brown liquid; does not mix with water.

Decomposition Temperature Not available.

Melting Point Not applicable.

Boiling Point Not available.

Solubility in Water Immiscible

Specific Gravity 1.16

pH Value Not applicable (1% solution)
Not applicable (as supplied)

Vapour Pressure Not available

Vapour Density (Air=1) Not available

Evaporation Rate Not available

Viscosity 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

Stability and Reactivity 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.

11. TOXICOLOGICAL INFORMATION

Toxicology Information TOXICITY AND IRRITATION
ROCOL RTD METALCUTTING LIQUID:
Unless otherwise specified data extracted from RTECS -
Register of Toxic Effects of Chemical Substances.

Not available.

Health Hazard 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 No data for Rocol RTD Metalcutting Liquid (CW: 12253)

**Poisons
Schedule** Not Scheduled

16. OTHER INFORMATION

**Other
Information** Version No:4

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End of MSDS

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Print Date: 17/01/2014

BS: 1.15.1