

Version: 1
Last Updated: 01.10.2012
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Product Code: IC0680

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name: REScool 431 AF

Company: Ryona Engineering Supplies LTD
Unit 2, Holbrook park estate, Holbrooks, Coventry, CV64AB
Tel: 02476 665454 Fax: 02476 665453

RES LUBRICANTS

2. COMPOSITION / INFORMATION ON INGREDIENTS

Semi synthetic metalworking fluid.

Hazardous Ingredients

	Conc.	CAS	EINECS Symbols/Risk Phrases
2,2 – Iminodiethanol	1 – 10 %	111-42-2	203-868-0 Xn; R22-48/22 Xi; R38-41

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3. HAZARD IDENTIFICATION

Irritating to the eyes.

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4. FIRST AID MEASURES

Skin:	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eyes:	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation:	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
Ingestion:	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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5. FIRE FIGHTING MEASURES

Extinguishing Media:	Use as appropriate: Carbon Dioxide (CO ₂), dry chemical, foam.
Fire Hazards:	Burning produces irritating, toxic and obnoxious fumes.
Protective Equipment:	Self-contained breathing apparatus. Wear protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation of the work area. Wear suitable protective equipment.
Environmental Precautions:	Do not allow product to enter drains. Prevent further spillage if safe.
Clean Up Methods:	Absorb with inert, absorbent material. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.

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7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.
Storage:	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Measures:	Ensure adequate ventilation of the working area.
Respiratory Protection:	Self-contained breathing apparatus. Wear protective clothing.
Hand Protection:	Chemical resistant gloves (PVC).
Eye Protection:	Approved safety goggles.
Protective Equipment:	Wear chemical protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid
Colour:	Amber
Odour:	Mild
Flash Point:	$> 100^{\circ}\text{C}$
Relative Density:	1.01 @ 15 °C
Water Solubility:	Miscible In Water

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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use

Conditions to Avoid: Do NOT allow to freeze.

Materials To Avoid: Strong oxidizing agents.

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11. TOXICOLOGICAL INFORMATION

No data available.

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12. ECOLOGICAL INFORMATION

Degradability: Biodegradable in part only.

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13. DISPOSAL CONSIDERATIONS

All means of disposal should comply with local regulations and the Environmental Protection Act 1990. Dispose of the product and containers carefully and responsibly.

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14. TRANSPORT INFORMATION

UN Name: N.A.

UN Number: N.A.

IMDG Code / Class: N.A.

ICAO / IATA (Air) Class: N.A.

RID / ADR Class: N.A.

ADNR Class: N.A.

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15. REGULATORY INFORMATION

Xi - Irritant

Risk Phrases: R36 – Irritating to eyes
Safety Phrases: S24/25 – Avoid contact with skin and eyes

Text of Risk Phrases
In Section 3: R22 – Harmful if swallowed. R38 – Irritating to skin. R41 – Risk of serious damage to eyes.
R48/22 – Harmful; danger of serious damage to health by prolonged exposure if swallowed.

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16. OTHER INFORMATION

Legislation: Chemical (Hazards, Information and Packaging) Regulations 1993
Environmental Protection Act 1990, Control Of Pollution Act 1974
The Environmental Protection (Duty Of Care) Regulations 1991