

Version: 1
Last Updated: 14.11.2007
Sheet 1 of 4
Product Code: IC0682

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name: REScool Ultra

Description: Mineral oil based metal working fluid additive, to be diluted with water prior to use.

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

SAR LUBRICANTS

2. COMPOSITION / INFORMATION ON INGREDIENTS

A mixture of refined mineral oils, emulsifiers, nitrite-free corrosion inhibitors and microbe control agents.

Hazardous Ingredients

	Conc.	CAS	EINECS	Symbols/Risk Phrases
Ethanolamine	1 – 10 %	141-43-5	205-483-3	Xn; R20/21/22 C; R34

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3. HAZARD IDENTIFICATION

No significant hazard.

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4. FIRST AID MEASURES

Skin:	May cause skin irritation to skin. 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:	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Ingestion:	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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5. FIRE FIGHTING MEASURES

Extinguishing Media:	Use extinguishing media appropriate to the surrounding fire conditions.
Fire Hazards:	Burning produces irritating, toxic fumes and obnoxious fumes.
Protective Equipment:	Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation of the work area.
Environmental Precautions:	Do not allow product to enter drains or rivers. Prevent further spillage if safe.
Clean Up Methods:	Absorb with inert, absorbent material. Sweep up. 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. Store in correctly labelled containers.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ethanolamine (2-Aminoethanol)	WEL 8-hr limit ppm: 1 WEL 15 min limit ppm: 3	WEL 8-hr limit mg/m ³ : 2.5 WEL 15 min limit mg/m ³ : 7.6
Engineering Measures:	Ensure adequate ventilation	
Hand Protection:	Chemical resistant gloves (PVC)	
Eye Protection:	In case of splashing, wear approved safety goggles	
Protective Equipment:	Wear protective clothing	

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9. PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid
Colour:	Amber
Odour:	Mild
pH:	9.2 (5% solution)
Boiling Point:	> 100°C
Flash Point:	> 100°C
Relative Density:	0.92 @ 15°C
Water Solubility:	Miscible In Water

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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Materials To Avoid: Strong oxidizing agents

Conditions To Avoid: Do NOT allow to freeze

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11. TOXICOLOGICAL INFORMATION

n/a

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12. ECOLOGICAL INFORMATION

Mobility: Miscible in water

Degradability: Not readily biodegradable

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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

This product is not classified as dangerous for carriage

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15. REGULATORY INFORMATION

Risk Phrases: NSH – No Significant Hazard

Safety Phrases: S25 – Avoid contact with eyes
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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16. OTHER INFORMATION

Text of risk phrases in Section 3: R20/21/22 – Harmful by inhalation, in contact with skin and if swallowed.
R34 – Causes burns

Further Information: The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication. However, no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such materials used in combination with any other materials or in any other process.