

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name: RESCUT STAR CL32

Application: Neat cutting fluid.

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

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition: A blend of refined mineral oils together with friction and extreme pressure additives.

CAS Registry No:

68990-81-8 (5 – 10%)
85586-25-0 (1 – 5%)
63499-39-8 (5 – 10%)

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3. HAZARD IDENTIFICATION

Not classified as dangerous under current UK Health & Safety and Environmental legislation when used in the application for which it is intended.

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4. FIRST AID MEASURES

Eye Contact: Irrigate with plenty of cold water
Skin Contact: Wash off with copious amounts of soap and water
Ingestion: If more than a few drops swallowed give patient water to drink. **Do not induce vomiting** and seek medical advice.

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5. FIRE FIGHTING MEASURES

Not considered flammable and does not constitute a fire hazard.

Extinguishing Media: Carbon dioxide, dry powder, sand, foam of water spray.

Protective Equipment
For Fire Fighters: Standard

6. ACCIDENTAL RELEASE MEASURES

Notification Procedures: Report spills as requested to appropriate authorities such as the local Environmental Health Officer or Fire Brigade. If spills are likely to enter any drain, waterway or ground water, contact the Area Water Authority. In case of accident or road spill, contact the Police and Fire Brigade and, if appropriate, the Area Water Authority.

Procedure If Material Is Released Or Spilled: Contain and absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate licensed waste disposal site in accordance with current applicable laws and regulations and product characteristics at time of disposal.

Environmental Precautions: Prevent spills from entering storm sewers or drains and contact with soil.

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7. HANDLING AND STORAGE

Handling: Avoid inhalation of vapours or mists and contact of product with the skin.

Storage: Do not store in areas where food and drink are taken. Keep drums tightly closed and if stored outside then store on sides in order to reduce ingress of water. Do not store in open or unlabelled containers.

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8. EXPOSURE CONTROL

Respiratory
Protection: No special requirements under ordinary conditions of use and with adequate ventilation.

Eye
Protection: Normal industrial eye protection practices should be employed.

Skin
Protection: No special equipment required. However, good personal hygiene practices should always be followed

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid
Colour:	Medium Amber
Odour:	Mineral Oil
pH Of Aqueous Solution:	n.a.
Boiling Point:	> 100 ⁰ C
Melting Point:	n.a.
Viscosity:	30 – 34 cSt @ 40 ⁰ C
Flashpoint:	> 150 ⁰ C
Flammability Solid / Gas:	n.a.
Autoflammability:	> 150 ⁰ C
Explosive Properties:	n.a.
Oxidising Properties:	Can assist the mild oxidation of copper and copper alloys
Vapour Pressure:	n.a.
Density:	0.900 – 0.920 @ 15.6 ⁰ C
Water Solubility:	Non emulsifiable
Other Solubility:	n.a.
Bulk Density:	n.a.
Partition Coefficient octanol / water:	n.a.

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10. STABILITY AND REACTIVITY

Thermal Decomposition:	Stable under normal conditions of use
Hazardous Reactions:	None under normal conditions of use.

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11. TOXICOLOGICAL INFORMATION

Oral:	Expected to possess a relatively low degree of acute oral toxicity.
Dermal:	Expected to be relatively non-toxic by dermal route.
Skin:	Expected to be a slight irritant.
Eyes:	Expected to be a slight irritant.

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12. ECOLOGICAL INFORMATION

Water: The individual components range from readily biodegradable to poorly biodegradable. Mineral oil itself has limited biodegradability when tested by method CEC L-33-T-82. The components are not expected to be highly toxic to aquatic life. If released into water the product may deplete the oxygen supply to bottom dwelling organisms.

Soil: If small quantities are absorbed in the upper soil layers, biodegradation may take place. Larger quantities may penetrate into anerobic soil layers in which case some organic compounds (e.g. mineral oil) may persist. Some components will be capable of penetrating the soil to cause groundwater contamination.

WGK Class: WGK 0 or 1 – Self Classification

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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 container carefully and responsibly.

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14. TRANSPORT INFORMATION

Not classified as hazardous by means of transportation.

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15. REGULATORY INFORMATION

Occupational Exposure Limits: n.a.

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16. OTHER INFORMATION

Carriage of Dangerous Goods By Road & Rail (Classification, Packaging and Labelling) Regulations
Chemical (Hazards, Information and Packaging for Supply) Regulations
Control of Substances Hazardous to Health Regulations
Environmental Protection Act