

	SAFETY DATA SHEET Ref. No.	86087
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1. PRODUCT AND COMPANY IDENTIFICATION

	Trade Name	ROCOL ULTRAFORM 1030
	Manufacturer/Supplier	ROCOL Limited
	Address	ROCOL House, Swillington, Leeds, LS26 8BS, ENGLAND.
	Phone Number	+44 (0) 113 2322700
	Fax Number	+44 (0) 113 2322760
	Emergency Phone Number	+44 (0) 113 2322600

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product for EC

Component Name	Codes	Concentration	R Phrases	Classification
SEVERELY REFINED MINERAL OIL		50.00 - 70.00		

3. HAZARD IDENTIFICATION

	Main Hazards	Not classified as hazardous.
	Health Effects - Eyes	Liquid may cause slight transient irritation.
	Health Effects - Skin	Repeated and/or prolonged contact may lead to dermatitis.
	Health Effects - Ingestion	Swallowing may have the following effects:- nausea.
	Health Effects - Inhalation	Exposure to mist may have the following effects:- Some cases of respiratory problems arising from continuous use have been reported. Exposures during normal handling and use are likely to be well below those that would be expected to produce the above effects.

4. FIRST AID MEASURES

	First Aid - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
	First Aid - Skin	Wash skin with soap and water. Apply a reconditioning skin cream.
	First Aid - Ingestion	Wash out mouth with water. Do not induce vomiting.
	First Aid - Inhalation	Remove from exposure.

5. FIRE FIGHTING MEASURES

	Extinguishing Media	Use water spray, foam, dry chemical or carbon dioxide.
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	Unsuitable Extinguishing Media	Do not use water jet.
	Special Hazards of Product	This product may give rise to hazardous fumes in a fire.
	Protective Equipment for Fire-Fighting	Wear self contained breathing apparatus.
6.	ACCIDENTAL RELEASE MEASURES	
	Personal Precautions	Wear appropriate protective clothing.
	Environmental Precautions	Try to prevent the material from entering drains or water courses.
	Spillages	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.
7.	HANDLING AND STORAGE	
	Handling	No special precautions necessary.
	Storage	Storage temperature should be controlled to between 1 and 40 °C.
8.	EXPOSURE CONTROLS/PERSONAL PROTECTION	
	Occupational Exposure Standards	
	OIL MIST, SEVERELY REFINED MINERAL OIL	UK EH40: OES 5mg/m ³ 8h TWA. UK EH40: OES 10mg/m ³ 15min TWA.
	Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
	Respiratory Protection	Respiratory protection not normally required.
	Hand Protection	Use a good quality barrier cream.
	Eye Protection	Chemical goggles if there is a risk of splashing.
	Body Protection	Normal work wear.
9.	PHYSICAL AND CHEMICAL PROPERTIES	
	Physical State	Oily liquid.
	Colour	Red.
	Odour	Faint.
	Flash Point (PMCC) (°C)	Exceeds 150.
	Solubility in Water (kg/m³)	Insoluble.
	Density (kg/m³)	0.99. (measured as kg/litre)
	Auto-flammability (°C)	Above 150.
	Viscosity (cSt)	135 at 20 °C. (measured as cP) (typical)
10.	STABILITY AND REACTIVITY	
	Stability	Stable under normal conditions.
	Conditions to Avoid	No specific measures necessary.
	Materials to Avoid	Strong oxidising agents.
	Hazardous Decomposition Products	Combustion will generate: hydrogen chloride. smoke, possibly thick and choking, resulting in zero visibility.
11.	TOXICOLOGICAL INFORMATION	
	Acute Toxicity	Low order of acute toxicity.
12.	ECOLOGICAL INFORMATION	
	Mobility	The product is involatile and insoluble and will accumulate in the ground. If released to water the product will float.

	Persistence/Degradability	The product is expected to be resistant to biodegradation.				
	Bio-accumulation	Limited information indicates a potential to bioaccumulate.				
	Ecotoxicity	One of the components is expected to be injurious to aquatic life.				
13.	DISPOSAL					
	Product Disposal	Incineration. Dispose of in accordance with all applicable local and national regulations.				
	Container Disposal	No specific measures necessary.				
14.	TRANSPORT INFORMATION					
	UN Class	Not classified.				
	ADR/RID - Class	Not classified.				
	IMDG - Class	Not classified.				
	IATA - Class	Not classified.				
15.	REGULATORY INFORMATION					
Labelling Information						
	R phrases	None.				
	S phrases	None.				
16.	OTHER INFORMATION					
	Product Use	For industrial use only. Metal forming lubricant.				
	MSDS first issued	3 September 1997				
	MSDS data revised					
	Revisions Highlighted	COMPLETELY REVISED 8/97				
17.	NATIONAL LEGISLATION					
	EC Legislation	<p>EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations.</p> <p>EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.</p>				
	UK Guidance Publications	EH40, Occupational Exposure Limits, HSE. Revised Annually.				
<p>To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.</p>						