

SAFETY DATA SHEET LPS PRECISION CLEAN (READY TO USE)

25222 1.00 GB EN 01.03.2000 MSDS.EN

SAFETY DATA SHEET Ref. No. 25222

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	LPS PRECISION CLEAN (READY TO USE)
Manufacturer/Supplier	ROCOL Lubricants
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
DISODIUM METASILICATE	006834-92-0	0.00 - 1.00	R34, R37	C, Xi
DIPROPYLENE GLYCOL METHYL ETHER	034590-94-8	1.00 - 5.00	R36/38	Xi
R34			R34 Causes burns.	
R36/38			R36/38 Irritating to eyes and skin.	
R37			R37 Irritating to respiratory system.	
C			C - Corrosive	
Xi			Xi - Irritant	

3. HAZARD IDENTIFICATION

Main Hazards	Not classified as hazardous.
Health Effects - Eyes	Liquid may cause slight transient irritation.
Health Effects - Skin	Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
Health Effects - Ingestion	Swallowing may have the following effects:- nausea.
Health Effects - Inhalation	Exposure to mist at high concentrations may have the following effects:- irritation of nose, throat and respiratory tract.

4. FIRST AID MEASURES

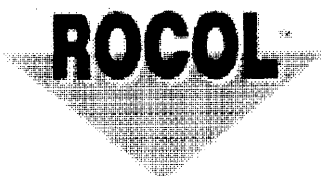
First Aid - Eyes	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash skin with soap and water. Apply a reconditioning skin cream.
First Aid - Ingestion	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
First Aid - Inhalation	Remove from exposure.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
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	Material can create slippery conditions underfoot.
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. Finally flush area with plenty of water.



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7. HANDLING AND STORAGE

Handling	Avoid contact with eyes, skin and clothing.
Storage	Storage temperature should be controlled to between 1 and 50 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards DIPROPYLENE GLYCOL METHYL ETHER	An exposure limit of 100ppm is recommended.
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	No specific measures necessary.
Eye Protection	Chemical goggles if there is a risk of splashing.
Body Protection	Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Clear. Blue.
Odour	Fruity.
pH	12.5
Boiling Range/Point (°C)	100
Flash Point (PMCC) (°C)	None.
Solubility in Water (kg/m ³)	Completely soluble.
Partition Coefficient (Log Pow)	<1
Density (kg/m ³)	1.02. (measured as kg/litre)
Viscosity (cSt)	Mobile liquid at ambient temperatures.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	High temperatures.
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Low order of acute toxicity.
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12. ECOLOGICAL INFORMATION

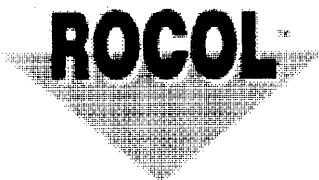
Mobility	The product is involatile and water soluble and will partition to the aqueous phase.
Persistence/Degradability Bio-accumulation	The product is expected to be resistant to biodegradation. Product is not expected to bioaccumulate.

13. DISPOSAL

Product Disposal	Dispose of in accordance with all applicable local and national regulations.
Container Disposal	Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

14. TRANSPORT INFORMATION

UN Class	Not classified.
ADR/RID - Class	Not classified.



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14. TRANSPORT INFORMATION

IMDG - Class	Not classified.
IATA - Class	Not classified.

15. REGULATORY INFORMATION

Labelling Information

R phrases	None.
S phrases	S2 Keep out of reach of children.

16. OTHER INFORMATION

Product Use	For industrial use only. Surface cleaner.
MSDS first issued	1 March 2000
MSDS data revised	

17. NATIONAL LEGISLATION

EC Legislation	EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.
UK Guidance Publications	EH40, Occupational Exposure Limits, HSE. Revised Annually.

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.
