

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name** LPS PRECISION CLEAN MULTICLEAN

**Manufacturer/Supplier** (BULK/LIQUID)  
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	1.00 - 4.00	R34, R37	C, Xi
DIPROPYLENE GLYCOL METHYL ETHER	034590-94-8	1.00 - 6.00	R36/38	Xi
R34	Causes burns.			
R36/38	Irritating to eyes and skin.			
R37	Irritating to respiratory system.			
C	C - Corrosive			
Xi	Xi - Irritant			

## 3. HAZARD IDENTIFICATION

**Main Hazards** Not classified as hazardous.

**Health Effects - Eyes** may cause slight transient irritation.

**Health Effects - Skin** Concentrated product - Material may cause irritation.

Diluted product - Repeated or prolonged contact may produce defatting of the skin lead to irritation and dermatitis.

**Health Effects - Ingestion** Concentrated product - Swallowing may have the following effects:- nausea.

Diluted product - nausea.

**Health Effects - Inhalation** Diluted product - Exposure to mist may have the following effects:- Some cases of respiratory problems arising from continuous use have been reported.

## 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

#### Spillages

Try to prevent the material from entering drains or water courses.

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.

## 7. HANDLING AND STORAGE

### Handling

Use only at the dilution specified. See label or technical data sheet.

### Storage

Storage temperature should be controlled to between 1 and 40 °C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Standards

#### DISODIUM METASILICATE

None assigned.

#### DIPROPYLENE GLYCOL METHYL ETHER

An exposure limit of 100ppm is recommended.

### Engineering Control Measures

Diluted product - 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 the potential for exposure. Use of the basic principles of Industrial Hygiene will enable material to be used safely.

### Respiratory Protection

Respiratory protection not normally required.

### Hand Protection

Concentrated product - PVC or rubber gloves.

Diluted product - Use a good quality barrier cream.

### Eye Protection

Chemical goggles if there is a risk of eye contact.

### Body Protection

Normal work wear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical State

Liquid.

### Colour

Clear. Blue.

### Odour

Fruity.

### pH

Concentrated product - 13

### Boiling Range/Point (°C)

100

### Solubility in Water (kg/m<sup>3</sup>)

Completely soluble.

### Density (kg/m<sup>3</sup>)

1.07. (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.

## 12. ECOLOGICAL INFORMATION

### Mobility

The product will leach into soil. The product is involatile and water soluble and will partition to the aqueous phase.

### Persistence/Degradability

The product is expected to be resistant to biodegradation.

## 13. DISPOSAL

### Product Disposal

Incineration. Dispose of in accordance with all applicable local and national regulations

### Container Disposal

Labels should not be removed from containers until they have been cleaned. Dispose of containers with care. Do not incinerate closed containers.

## 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

Keep out of reach of children.

## 16. OTHER INFORMATION

### Product Use

For industrial use only. Degreasing.

### MSDS first issued

16 September 1998

### 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 these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a assessment carried out by, or on behalf of, the user.