查询"25234"供应商

SAFETY DATA SHEET Ref. No. 25236

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	LPS PRESOLVE CLEANER/DEGREASER
	(BULK/LIQUID)
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	+00 1 703-527-3887

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product for EC

Component Name	Codes	Concentration	R Phrases	Classification
ALIPHATIC HYDROCARBON (<0.1% w/w BENZENE)	064742-88-7	30.00 - 50.00	R10, R65	F, Xn, N
D-LIMONENE	005989-27-5	50.00 - 70.00	R10, R38	Xi

R10	Flammable.
R38	Irritating to skin.
R65	Harmful: may cause lung damage if swallowed.
F	F - Highly flammable
N	N - Dangerous to the Environment
Xi	Xi - Irritant
Xn	Xn - Harmful

3. HAZARD IDENTIFICATION

Main Hazards	Flammable. Harmful: may cause lung damage if swallowed.
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 ar dermatitis.
Health Effects - Ingestion	Swallowing may have the following effects:- nausea. systemic effects similar to those resulting from inhalation.
	Aspiration during swallowing or vomiting may severely damage the lungs.
Health Effects - Inhalation	Exposure to vapour may have the following effects:- light headedness. drowsiness.
	Higher concentrations will have the following effects:- irritation of nose, throat and respiratory tract.
	Exposures during normal handling and use are likely to be well below those that would 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	Do not induce vomiting. Obtain medical attention.
	If vomiting occurs naturally, lean victim forward to reduce risk of aspiration.
First Aid - Inhalation	Remove from exposure.

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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	Eliminate all sources of ignition. Ventilate the area. Wear respiratory protection. Materi: can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or water courses. Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.
Spillages	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling	Use in well ventilated area. To avoid the build-up of electrostatic charges, earth all containers and piping when transfering from one vessel to another.
Storage	Storage temperature should be controlled to between 1 and 40 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards

ALIPHATIC HYDROCARBON (<0.1% w/w BENZENE)	An exposure limit of 300ppm (1330mg/m3) 8h TWA is recommended.
D-LIMONENE	None assigned.
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 if there is a risk of exposure to high vapour concentrations.
Hand Protection	Neoprene gloves.
Eye Protection	Chemical goggles if there is a risk of splashing.
Body Protection	Normal work wear.
Protection During Application	During application, adequate ventilation must be provided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Colourless.
Odour	Fruity.
Boiling Range/Point (°C)	177
Flash Point (PMCC) (°C)	50
Explosion Limits (%)	1 to 6. (based on major component)
Solubility in Water (kg/m3)	Slightly soluble
Partition Coefficient (Log Pow)	>1
Vapour Pressure (mm.Hg./20 °C)	<5
Density (kg/m3)	0.825.
Flammability	Not determined.
Auto-flammability (°C)	Not determined.
Viscosity (cSt)	Not determined.
Evaporation Rate	0.1 (referenced as n-butyl acetate = 1)

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: oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Low order of acute toxicity.

12. ECOLOGICAL INFORMATION

Mobility	Not determined.
Persistence/Degradability	Not determined.
Bio-accumulation	Not determined.
Ecotoxicity	Not determined.

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13. DISPOSAL

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

14. TRANSPORT INFORMATION

UN Number	1993
UN Proper Shipping Name	Flammable liquid, n.o.s. (Naphtha Petroleum)
UN Class	3
UN Packaging Group	III
UK Proper Shipping Name	Flammable Liquid N.O.S. (Naphtha Petroleum)
UK Classification	3
UK Packing Group	III
UK Transport Category	3
ADR/RID - Class	3
ADR/RID - Item No.	31(c)
IMDG - Proper Shipping Name	Flammable liquid, N.O.S. (Naphtha Petroleum)
IMDG - Packaging Group	III
IMDG - Class	3.3
IMDG - Page No.	3345
IMDG - Marine Pollutant	No
IMDG - Ems Number	3-07
IMDG - MFAG Table Number	311
IATA - Proper Shipping Name	Flammable liquid, N.O.S. (Naphtha Petroleum)
IATA - Packaging Group	III
IATA - Class	3

15. REGULATORY INFORMATION

Labelling Information Harmful Flammable

R phrases	Flammable. Harmful: may cause lung damage if swallowed. Irritating to skin.
S phrases	Keep away from sources of ignition - No Smoking.
	Use only in well ventilated areas. Do not breathe spray.
	Avoid contact with skin.
	If swallowed, do not induce vomiting: seek medical advice immediately and show this contain label.
	Keep out of reach of children.

16. OTHER INFORMATION

Product Use	For industrial use only. Cleaning solvent.
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.
	Approved Supply List (Third Edition)(ISBN 0-7176-1116-7) Introduction, page xiv et sec Notes H & J apply to the complex oil derived constituents of this preparation.

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.