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**SAFETY DATA SHEET**  
**LPS PROCYON CORROSION INHIBITOR**  
**(BULK/LIQUID)**

25086 1.00 GB EN 16.09.1998 MSDS.EN

**SAFETY DATA SHEET Ref. No.** 25086**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	LPS PROCYON CORROSION INHIBITOR (BULK/LIQUID)
<b>Manufacturer/Supplier</b>	ROCOL Limited
<b>Address</b>	ROCOL House, Swillington, Leeds, LS26 8BS, ENGLAND
<b>Phone Number</b>	+44 (0) 113 2322700
<b>Fax Number</b>	+44 (0) 113 2322760
<b>Emergency Phone Number</b>	+00 1 703-527-3887

**2. COMPOSITION/INFORMATION ON THE COMPONENTS****Hazardous Components in Product for EC**

<b>Component Name</b>	<b>Codes</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
ALIPHATIC HYDROCARBON (<0.1% w/w BENZENE)	064742-88-7	40.00 - 60.00	R10, R65	F, Xn, N
SEVERELY REFINED MINERAL OIL	064742-52-5	40.00 - 60.00	R10, R65	
DIPROPYLENE GLYCOL METHYL ETHER	034590-94-8	10.00 - 15.00	R36/38	Xi
R10	Flammable.			
R36/38	Irritating to eyes and 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**

<b>Main Hazards</b>	Flammable. Harmful: may cause lung damage if swallowed.
<b>Health Effects - Eyes</b>	Liquid may cause slight transient irritation.
<b>Health Effects - Skin</b>	Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
<b>Health Effects - Ingestion</b>	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.
<b>Health Effects - Inhalation</b>	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 be expected to produce the above effects.

**4. FIRST AID MEASURES**

<b>First Aid - Eyes</b>	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
<b>First Aid - Skin</b>	Wash skin with soap and water. Apply a reconditioning skin cream.

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#### 4. FIRST AID MEASURES

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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

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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.

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#### 6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions	Eliminate all sources of ignition. Ventilate the area. Wear respiratory protection. Material 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.

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#### 7. HANDLING AND STORAGE

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

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Occupational Exposure Standards ALIPHATIC HYDROCARBON (<0.1% w/w BENZENE)	An exposure limit of 300ppm (1330mg/m <sup>3</sup> ) 8h TWA is recommended.
SEVERELY REFINED MINERAL OIL	UK EH40: OES 5mg/m <sup>3</sup> 8h TWA. UK EH40: OES 10mg/m <sup>3</sup> 15min TWA.
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 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	Liquid.
Colour	Dark Brown.
Odour	Sweet. Mild.
Boiling Range/Point (°C)	157
Flash Point (PMCC) (°C)	41
Solubility in Water (kg/m3)	Insoluble.
Partition Coefficient (Log Pow)	>1
Vapour Pressure (mm.Hg./20 °C)	<5
Density (kg/m3)	0.904.
Flammability	Not determined.
Auto-flammability (°C)	Not determined.
Explosive Properties	LEL 0.7% UEL 6.0%
Viscosity (cSt)	Not determined.
Evaporation Rate	0.12 (referenced as n-butyl acetate = 1)

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## 10. STABILITY AND REACTIVITY

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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.

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## 11. TOXICOLOGICAL INFORMATION

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

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

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## 13. DISPOSAL

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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.

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## 14. TRANSPORT INFORMATION

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UN Number	1993
UN Proper Shipping Name	Flammable liquid, n.o.s. (Naphtha Petroleum)
UN Class	3
UN Packaging Group	III

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## 14. TRANSPORT INFORMATION

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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

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## 15. REGULATORY INFORMATION

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<b>Labelling Information</b>	Flammable
<b>R phrases</b>	Flammable.
<b>S phrases</b>	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 container or label. Keep out of reach of children.

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## 16. OTHER INFORMATION

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<b>Product Use</b>	For industrial use only. Cleaning solvent.
<b>MSDS first issued</b>	16 September 1998
<b>MSDS data revised</b>	

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## 17. NATIONAL LEGISLATION

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<b>EC Legislation</b>	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.
<b>UK Guidance Publications</b>	EH40, Occupational Exposure Limits, HSE. Revised Annually. Approved Supply List (Third Edition)(ISBN 0-7176-1116-7) Introduction, page xiv et seq - Notes H & J apply to the complex oil derived constituents of this preparation. CHIP 97 Guidance on Regulations (ISBN 0-7176-1366-6) page 12 - reference application of the aspiration hazard (R65) to preparations having a kinetic viscosity greater than or equal to 7mm <sup>2</sup> /s at 40°C.

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.