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## SAFETY DATA SHEET

# LPS A-151 CLEANER/DEGREASER (BULK/LIQUID)

25266 1.00 GB EN 23.09.1998 MSDS.EN

**SAFETY DATA SHEET Ref. No.** 25266**1. PRODUCT AND COMPANY IDENTIFICATION**

|                               |   |
|-------------------------------|---|
| <b>Trade Name</b>             | LPS A-151 CLEANER/DEGREASER<br>(BULK/LIQUID)                |
| <b>Manufacturer/Supplier</b>  | ROCOL Limited   |
| <b>Address</b>                | ROCOL House,<br>Swillington, Leeds,<br>LS26 8BS,<br>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> |
|---|--|----------------------|------------------|-----------------------|
| ODOURLESS KEROSENE (<0.1% w/w<br>BENZENE) | 064742-47-8  | 50.00 - 70.00        | R65              | Xn                    |
| R65<br>Xn                                 | Harmful: may cause lung damage if swallowed.<br>Xn - Harmful |                      |                  |                       |

**3. HAZARD IDENTIFICATION**

|                                    |  |
|------------------------------------|--|
| <b>Main Hazards</b>                | 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.<br>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.<br><br>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.  |
| <b>First Aid - Ingestion</b>  | Do not induce vomiting. Obtain medical attention.<br>If vomiting occurs naturally, lean victim forward to reduce risk of aspiration. |
| <b>First Aid - Inhalation</b> | Remove from exposure.  |

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### 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Extinguishing Media</b>                    | Use foam, dry chemical or carbon dioxide.                |
| <b>Unsuitable Extinguishing Media</b>         | Do not use water jet.                                    |
| <b>Special Hazards of Product</b>             | This product may give rise to hazardous fumes in a fire. |
| <b>Protective Equipment for Fire-Fighting</b> | Wear self contained breathing apparatus.                 |

### 6. ACCIDENTAL RELEASE MEASURES

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Eliminate all sources of ignition. Ventilate the area. Wear respiratory protection. Material can create slippery conditions underfoot.                                      |
| <b>Environmental Precautions</b> | 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. |
| <b>Spillages</b>                 | Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.   |

### 7. HANDLING AND STORAGE

|                 |  |
|-----------------|--|
| <b>Handling</b> | 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. |
| <b>Storage</b>  | Storage temperature should be controlled to between 1 and 40 °C.   |

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|  |  |
|--|--|
| <b>Occupational Exposure Standards</b><br><b>ODOURLESS KEROSENE (&lt;0.1% w/w BENZENE)</b> | UK EH40: OES 1000mg/m <sup>3</sup> 8h TWA.   |
| <b>Engineering Control Measures</b>  | 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. |
| <b>Respiratory Protection</b>  | Respiratory protection if there is a risk of exposure to high vapour concentrations.   |
| <b>Hand Protection</b>   | Neoprene gloves.   |
| <b>Eye Protection</b>  | Chemical goggles if there is a risk of splashing.  |
| <b>Body Protection</b>   | Normal work wear.  |
| <b>Protection During Application</b>   | During application, adequate ventilation must be provided.   |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                 |               |
|---------------------------------|---------------|
| <b>Physical State</b>           | Liquid.       |
| <b>Colour</b>                   | Colourless.   |
| <b>Odour</b>                    | Mild. Fruity. |
| <b>Boiling Range/Point (°C)</b> | 177           |
| <b>Flash Point (PMCC) (°C)</b>  | 61            |
| <b>Explosion Limits (%)</b>     | 0.6 to 20.4.  |

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                 |  |
|---------------------------------|--|
| 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)                 | Mobile liquid at ambient temperatures.   |
| Evaporation Rate                | 0.06 (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. |

### 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 Class        | Not classified. |
| ADR/RID - Class | Not classified. |

### 15. REGULATORY INFORMATION

Labelling  
Information



Harmful

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## 15. REGULATORY INFORMATION

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**R phrases**

Harmful: may cause lung damage if swallowed.

**S phrases**

Keep away from sources of ignition - No Smoking.

Use only in well ventilated areas.

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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**Product Use**

For industrial use only. Cleaning solvent.

**MSDS first issued**

23 September 1998

**MSDS data revised**

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## 17. NATIONAL LEGISLATION

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**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 seq - Notes H &amp; 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 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.

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