

## SAFETY DATA SHEET

### SOLDRAW 10190 GB Current 10.06.1997

SAFETY DATA SHEET Ref No. 10190

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name** SOLDRAW  
**Manufacturer/Supplier** Global Lubricants Limited  
**Address** 7 Sandwell Business Development Centre, Oldbury Rd,  
Smethwick, West Midlands, B66 1NN, England

**Phone Number** +44 (0) 121 544 3638  
**Fax Number** +44 (0) 121 544 3638  
**Emergency Phone Number** +44 (0) 410 754382

#### 2. COMPOSITION/INFORMATION ON THE COMPONENTS

##### **Hazardous Components in Product for EC**

| <b>Component Name</b>                     | <b>Wt %</b>   | <b>Phrases</b> | <b>Classification</b> |
|---|---------------|----------------|-----------------------|
| 1.Nonyl phenol ethoxylate                 | 5.00 - 10.00  | R22 R3638      | Xn                    |
| Chlorinated paraffin c14-c17              | 25.00         | -              | -                     |
| Hydrotreated Light Naphthenic Distillates | 10.00 - 25.00 | -              | -                     |
| Mineral Seal Oil                          | 10.00 - 25.00 | R65            | Xn                    |

#### 3. HAZARD IDENTIFICATION

**Main Hazards** Harmful: May cause lung damage if swallowed.

#### 4. FIRST AID MEASURES

**First Aid - Eyes** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persists, call a physician.

**First Aid - Skin** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**First Aid - Ingestion** Do not induce vomiting. If conscious, drink plenty of water. Call a physician immediately.

**First Aid - Inhalation** Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

**Pressure Injection** Call a physician immediately.

#### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Dry Chemical, Foam, Carbon Dioxide (CO2)

**Special Exposure Hazards  
Arising From The Substance  
Or Preparation Itself, Its Combustion**

**Products, Or Released Gases:** Thermal decomposition can lead to release of irritating Gases and vapours.

**6. ACCIDENTAL RELEASE MEASURES**

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Ensure adequate ventilation. Wear personal protective equipment as stated in Section 8.   |
| <b>Environmental Precautions</b> | Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Contain all contaminated water for removal and treatment. |
| <b>Methods For Cleaning Up</b>   | Absorb spill with inert material (e.g dry sand or earth), then place in a chemical waste container. Dispose of in accordance with local regulations.  |

**7. HANDLING AND STORAGE**

|                 |  |
|-----------------|--|
| <b>Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.   |
| <b>Storage</b>  | Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep at temperatures between 5 and 30 degrees. Keep away from open flames, hot surfaces and sources of ignition. |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION/EQUIPMENT**

|                                   |   |
|-----------------------------------|---|
| <b>Engineering Measures</b>       | Ensure adequate ventilation, especially in confined areas.  |
| <b>Respiratory Protection</b>     | Breathing apparatus needed only when aerosol or mist is formed.   |
| <b>Hand Protection</b>            | Impervious gloves. PVC or other plastic material gloves.  |
| <b>Eye Protection</b>             | If splashes are likely to occur, wear Safety glasses with side-shields.   |
| <b>Skin &amp; Body Protection</b> | Usual safety precautions while handling the product will provide adequate protection against this potential effect. |

|  |  |
|--|--|
| <b>Hygiene Measures</b>                | General industrial hygiene practice. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing. When using, do not Eat, drink or smoke. |
| <b>Environmental Exposure Controls</b> | Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be Contained.  |

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

|                           |                               |
|---------------------------|-------------------------------|
| Physical State            | Liquid.                       |
| Colour                    | Amber.                        |
| Odour                     | Characteristic                |
| Appearance                | Liquid                        |
| Vapour Pressure           | Not determined                |
| Boiling Range/Point       | Boils above 200°C             |
| Flash Point (PMCC)        | 195°C                         |
| Solubility in Water       | Dispersible                   |
| Evaporation Rate          | Not determined                |
| Viscosity (cSt)           | 30.0-40.0 cst @ 40 degrees c. |
| Pour Point                | -8 degrees c (max)            |
| Decomposition temperature | Not determined                |
| Specific Gravity          | 1.10 @ 15.5 degrees c.        |

## **10. STABILITY AND REACTIVITY**

|                            |  |
|----------------------------|--|
| <b>Stability</b>           | Stable under recommended storage conditions  |
| <b>Conditions to Avoid</b> | Keep away from open flames, hot surfaces and Sources of ignition.                    |
| <b>Materials to Avoid</b>  | Strong oxidising agents.   |
| <b>Hazardous Products</b>  | Thermal decomposition can lead to release of irritating gases and vapours, chlorine. |
| <b>Polymerisation</b>      | Hazardous polymerisation does not occur.   |

## **11. TOXICOLOGICAL INFORMATION**

### **Acute toxicity**

#### **Component Information**

|   |  |
|---|--|
| Nonyl phenol ethoxylate<br>NIOSH – LD50s and LC50s      | 1310mg/kg Oral LD50Rat<br>2mL/kg Dermal LD50 Rabbit<br>50gm/kg Oral LD50 Mouse |
| LD50/oral/rat =   | No information available   |
| Chlorinated paraffin c14-c17<br>NIOSH – LD50s AND LC50s | No information available   |
| LD50/oral/rat =   | No information available   |

Hydrotreated Light Naphthenic Distillates  
**NIOSH – LD50s and LC50s**  
**LD50/oral/rat =** No information available  
No information available

Mineral Seal Oil  
**NIOSH – LD50s and LC50s**  
**LD50/oral/rat =** 4600mg/m<sup>3</sup> /4 Hinhalation LC50Rat  
No information available

**Other Information Of Acute Toxicity:** No information available

### **Local Effects**

**Skin Irritation** Substance may cause slight skin irritation

**Eye Irritation** May cause slight irritation

**Inhalation** Health injuries are not known or expected under Normal use.

**Ingestion** Ingestion may cause sensitisation of susceptible Persons.

**Sensitisation** May cause sensitisation of susceptible persons

**Chronic toxicity** Repeated or prolonged exposure may cause Irritation of eyes and skin. Inhalation of vapours In high concentration may cause irritation of Respiratory system.

### **Specific Effects**

**Carcinogenic effects** Not applicable

**Mutagenic effects** Not applicable

**Reproductive Toxicity** Not applicable

**Target organ effects** Not applicable

## **12. ECOLOGICAL INFORMATION**

Nonyl Phenol Ethoxylate  
**Ecotoxicity** No information available

Chlorinated Paraffin c14-c17  
**Ecotoxicity** No information available

Hydrotreated Light Naphthenic Distillates  
**Ecotoxicity** No information available

Mineral Seal Oil  
**Ecotoxicity** No information available

### **13. DISPOSAL**

|  |  |
|--|--|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Consult a licensed waste disposal company.                              |
| <b>Contaminated Packaging</b>              | Empty containers should be transported/delivered Using a registered waste carrier for local Recycling or waste disposal. |
| <b>Further Information</b>                 | According to the European Waste Catalogue, Waste Codes are not product specific, but Application specific.               |

### **14. TRANSPORT INFORMATION**

|                           |                |
|---------------------------|----------------|
| IATA Shipping Description | Not regulated  |
| ADR/RID - Class           | Not applicable |
| IMO - Class               | Not applicable |
| ICAO – Class              | Not applicable |
| Marine pollutant          | No             |

### **15. REGULATORY INFORMATION**

|                           |   |
|---------------------------|---|
| <b>EEC Classification</b> | Xn Harmful  |
| <b>R65 Phrase</b>         | Harmful, may cause lung damage if swallowed.  |
| <b>S62 Phrase</b>         | If swallowed, do not induce vomiting: seek Medical advice immediately and show this Container or label. |

### **16. OTHER INFORMATION**

|                              |              |
|------------------------------|--------------|
| <b>MSDS first issued</b>     | 10 June 1997 |
| <b>MSDS data revised</b>     |              |
| <b>Revisions Highlighted</b> |              |

### **17. NATIONAL LEGISLATION**

|                                 |  |
|---------------------------------|--|
| <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. Mineral oil mist OES: 5mg\cu.m 8h TWA; 10 mg\cu.m   |

15min TWA.  
EH58, The Carcinogenicity of Mineral  
Oils.  
IND(G) 166L: Management of  
Metalworking Fluids (wallchart), HSE.

IND(G) 168L: Management of  
Metalworking Fluids - a guide to good  
practice for minimising risks to  
health, HSE.  
IND(G) 169L: Metalworking Fluids and  
You, HSE.