

## SAFETY DATA SHEET

### CLEAR MECHANICAL OIL Aerosol

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME CLEAR MECHANICAL OIL Aerosol  
 PRODUCT NO. ECMO200D  
 SUPPLIER ELECTROLUBE. A division of HK  
 WENTWORTH LTD  
 KINGSBURY PARK, MIDLAND ROAD  
 SWADLINCOTE  
 DERBYSHIRE, DE11 0AN  
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#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

| Name        | EC No.    | CAS-No.  | Content | Classification                 |
|-------------|-----------|----------|---------|--------------------------------|
| PENTANE     | 203-692-4 | 109-66-0 | 30-60%  | F+;R12 Xn;R65 R66 R67 N;R51/53 |
| PROPAN-2-OL | 200-661-7 | 67-63-0  | 1-5%    | F;R11 Xi;R36 R67               |

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

#### 3 HAZARDS IDENTIFICATION

Extremely flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION F+;R12. N;R51/53. R66, R67.

#### 4 FIRST-AID MEASURES

##### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Get medical attention.

##### INGESTION

Immediately rinse mouth and provide fresh air.

##### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

##### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

#### 6 ACCIDENTAL RELEASE MEASURES

##### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Ventilate well.

#### 7 HANDLING AND STORAGE

##### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide good ventilation.

##### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

**CLEAR MECHANICAL OIL Aerosol****8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

| Name        | Std | LT - ppm | LT - mg/m3 | ST - ppm | ST - mg/m3 |
|-------------|-----|----------|------------|----------|------------|
| PENTANE     | WEL | 600 ppm  | 1800 mg/m3 | 750 ppm  | 2250 mg/m3 |
| PROPAN-2-OL | WEL | 400 ppm  | 999 mg/m3  | 500 ppm  | 1250 mg/m3 |

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

When using do not eat, drink or smoke. **DO NOT SMOKE IN WORK AREA!**

**9 PHYSICAL AND CHEMICAL PROPERTIES**

|                                |  |                               |                       |
|--------------------------------|--|-------------------------------|-----------------------|
| APPEARANCE                     | Aerosol Liquid                                   |                               |                       |
| COLOUR                         | Colourless                                       |                               |                       |
| ODOUR                          | Characteristic                                   |                               |                       |
| VOLATILITY DESCRIPTION         | Volatile.  |                               |                       |
| SOLUBILITY                     | Immiscible with water                            |                               |                       |
| PHYSICAL DATA COMMENTS         | Information given concerns the major ingredient. |                               |                       |
| BOILING POINT (°C)             | 36   | MELTING POINT (°C)            | -130                  |
| RELATIVE DENSITY               | 0.650 @ 20 °c                                    | BULK DENSITY                  | 650 kg/m3             |
| VAPOUR PRESSURE                | 5.33 kPa @ 19 °c                                 | FLASH POINT (°C)              | - 48 CC (Closed cup). |
| AUTO IGNITION TEMPERATURE (°C) | 309  | FLAMMABILITY LIMIT - LOWER(%) | 1.4                   |
| FLAMMABILITY LIMIT - UPPER(%)  | 7.8  |                               |                       |

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**SKIN CONTACT**

Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin. Prolonged or repeated exposure may cause severe irritation.

**EYE CONTACT**

Irritating to eyes.

**Other Health Effects**

This substance has no evidence of carcinogenic properties.

**ROUTE OF ENTRY**

Inhalation.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Dangerous for the environment if discharged into watercourses.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

**CLEAR MECHANICAL OIL Aerosol**

|                      |                |                  |                             |
|----------------------|----------------|------------------|-----------------------------|
| UK ROAD CLASS        | 2.1            |                  |                             |
| PROPER SHIPPING NAME | AEROSOLS       |                  |                             |
| UN NO. ROAD          | 1950           | UK ROAD PACK GR. | Not Applicable              |
| ADR CLASS NO.        | 2.1            | ADR CLASS        | Class 2.1: Flammable gases. |
| ADR PACK GROUP       | Not Applicable | ADR LABEL NO.    | 2.1                         |
| CEFIC TEC(R) NO.     | 20G5F          | RID CLASS NO.    | 2.1                         |
| RID PACK GROUP       | Not Applicable | UN NO. SEA       | 1950                        |
| IMDG CLASS           | 2.1            | IMDG PACK GR.    | Not Applicable              |
| EMS                  | F-D; S-U       | MFAG             | See Guide                   |
| MARINE POLLUTANT     | No.            | UN NO. AIR       | 1950                        |
| ICAO CLASS           | 2.1            | AIR PACK GR.     | Not Applicable              |

**15 REGULATORY INFORMATION**

## LABELLING



Extremely Flammable



Dangerous for the environment

## RISK PHRASES

|        |   |
|--------|---|
| R12    | Extremely flammable.  |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R66    | Repeated exposure may cause skin dryness or cracking.                                       |
| R67    | Vapours may cause drowsiness and dizziness.   |

## SAFETY PHRASES

|     |   |
|-----|---|
| S16 | Keep away from sources of ignition - No smoking.  |
| S37 | Wear suitable gloves.   |
| S51 | Use only in well-ventilated areas.  |
| A1  | Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. |
| A2  | Do not spray on a naked flame or any incandescent material.   |
| S2  | Keep out of the reach of children   |

## UK REGULATORY REFERENCES

Chemicals (Hazard Information &amp; Packaging) Regulations.

## ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution Act 1974.

## EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC. Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC.

## STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

## GENERAL INFORMATION

CN No 34039990

## REVISION COMMENTS

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

## CLEAR MECHANICAL OIL Aerosol

ISSUED BY

Helen O'Reilly

REVISION DATE

SEPTEMBER 2005

REV. NO./REPL. SDS GENERATED 2

SDS NO.

10337

RISK PHRASES IN FULL

|        |   |
|--------|---|
| R11    | Highly flammable.   |
| R12    | Extremely flammable.  |
| R36    | Irritating to eyes.   |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R65    | Harmful: may cause lung damage if swallowed.  |
| R66    | Repeated exposure may cause skin dryness or cracking.                                       |
| R67    | Vapours may cause drowsiness and dizziness.   |

### DISCLAIMER

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