

## SAFETY DATA SHEET LEAK DETECTOR

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name LEAK DETECTOR  
Product No. DDF, EDDF400, ZE

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Manufacture of electrical equipment  
Uses advised against At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

#### 1.3. Details of the supplier of the safety data sheet

Supplier ELECTROLUBE. A division of HK  
WENTWORTH LTD  
ASHBY PARK, COALFIELD WAY,  
ASHBY DE LA ZOUCH, LEICESTERSHIRE  
LE65 1JR  
UNITED KINGDOM  
+44 (0)1530 419600  
+44 (0)1530 416640  
info@hkw.co.uk

#### 1.4. Emergency telephone number

+44 (0)1530 419600 between 8.30am - 5.00pm GMT Mon – Fri

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

|                               |                 |
|-------------------------------|-----------------|
| Physical and Chemical Hazards | Not classified. |
| Human health                  | Not classified. |
| Environment                   | Not classified. |

##### Classification (1999/45/EEC)

Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### 2.2. Label elements

##### Label In Accordance With (EC) No. 1272/2008

No pictogram required.

##### Precautionary Statements

|          |   |
|----------|---|
| P102     | Keep out of reach of children.  |
| P210     | Keep away from heat/sparks/open flames/hot surfaces. - No smoking.          |
| P251     | Pressurized container: Do not pierce or burn, even after use.               |
| P260     | Do not breathe vapour/spray.  |
| P410+412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. |

#### 2.3. Other hazards

Contact with liquid may cause cold burns / frostbite. Not Classified as PBT/vPvB by current EU criteria.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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## 3.2. Mixtures

|  |  |             |
|--|--|-------------|
| <b>SODIUM LAURYOYL SARCOSINATE</b>               |  | <b>1-5%</b> |
| CAS-No.: 137-16-6                                | EC No.: 205-281-5                      |             |
| Classification (EC 1272/2008)<br>Not classified. | Classification (67/548/EEC)<br>Xi;R41. |             |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### Composition Comments

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

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of 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.

#### Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly.

#### Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues. Frostbite: Do not remove clothes, but flush with copious amounts of lukewarm water. Call an ambulance and continue to flush during transportation to hospital.

#### 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 and get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

#### Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

#### Specific hazards

Aerosol containers can explode when heated, due to excessive pressure build-up.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

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

#### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Not relevant considering the small amounts used.

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## 6.3. Methods and material for containment and cleaning up

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

## 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

### 8.2. Exposure controls

#### **Process conditions**

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

#### **Engineering measures**

No particular ventilation requirements.

#### **Respiratory equipment**

In case of inadequate ventilation use suitable respirator.

#### **Hand protection**

Protective gloves should be used if there is a risk of direct contact or splash. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Gloves should conform to EN374

#### **Eye protection**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

#### **Other Protection**

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

#### **Hygiene measures**

Wash hands 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!

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|   |                              |
|---|------------------------------|
| <b>Appearance</b>                                   | Aerosol. Liquid              |
| <b>Colour</b>                                       | Colourless.                  |
| <b>Odour</b>  | Characteristic.              |
| <b>Solubility</b>                                   | Insoluble in water           |
| <b>Initial boiling point and boiling range (°C)</b> | 100 C (212 F)                |
| <b>Relative density</b>                             | 1.02 (liquid) @ 20 °C (68 F) |
| <b>Vapour pressure</b>                              | below 110 kPa @ 20 °c        |
| <b>Flash point (°C)</b>                             | >100                         |
| <b>Auto Ignition Temperature (°C)</b>               | > 750 (1382 F)               |

### 9.2. Other information

|                               |          |
|-------------------------------|----------|
| <b>Volatility Description</b> | Volatile |
|-------------------------------|----------|

## SECTION 10: STABILITY AND REACTIVITY

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## **10.1. Reactivity**

There are no known reactivity hazards associated with this product.

## **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

## **10.3. Possibility of hazardous reactions**

Not determined.

### **Hazardous Polymerisation**

Will not polymerise.

## **10.4. Conditions to avoid**

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

## **10.5. Incompatible materials**

### **Materials To Avoid**

Strong oxidising substances.

## **10.6. Hazardous decomposition products**

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Toxicological information**

No information available.

#### **Other Health Effects**

This substance has no evidence of carcinogenic properties.

#### **General information**

No specific health warnings noted.

#### **Inhalation**

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Not regarded as dangerous for the environment.

### **12.1. Toxicity**

### **12.2. Persistence and degradability**

#### **Degradability**

There are no data on the degradability of this product.

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

No data available on bioaccumulation.

### **12.4. Mobility in soil**

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **General information**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

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## 13.1. Waste treatment methods

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

## SECTION 14: TRANSPORT INFORMATION

### General

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1litre packed in cartons of less than 30kg gross to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed must show the following

### 14.1. UN number

|                      |      |
|----------------------|------|
| UN No. (ADR/RID/ADN) | 1950 |
| UN No. (IMDG)        | 1950 |
| UN No. (ICAO)        | 1950 |

### 14.2. UN proper shipping name

|                      |          |
|----------------------|----------|
| Proper Shipping Name | AEROSOLS |
|----------------------|----------|

### 14.3. Transport hazard class(es)

|                     |                |
|---------------------|----------------|
| ADR/RID/ADN Class   | 2.2            |
| ADR/RID/ADN Class   | Class 2: Gases |
| ADR Label No.       | 2.2            |
| IMDG Class          | 2.2            |
| ICAO Class/Division | 2.2            |

### Transport Labels



### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

### 14.6. Special precautions for user

|                         |          |
|-------------------------|----------|
| EMS                     | F-D, S-U |
| Tunnel Restriction Code | (E)      |

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

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## Guidance Notes

Workplace Exposure Limits EH40.

## EU Legislation

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

### Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

|                      |                                 |
|----------------------|---------------------------------|
| Issued By            | Helen O'Reilly                  |
| Revision Date        | APRIL 2013                      |
| Revision             | 6                               |
| SDS No.              | 11585                           |
| Risk Phrases In Full |                                 |
| NC                   | Not classified.                 |
| R41                  | Risk of serious damage to eyes. |

## Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.