

## SAFETY DATA SHEET ANTISTATIC SPRAY

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

#### 1.1. Product identifier

Product name ANTISTATIC SPRAY  
Product No. ASA, EASA250, EASA25L, ZE

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

Identified uses Manufacture of electrical equipment  
Uses advised against No specific uses advised against are identified.

#### 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 (1999/45/EEC) Not classified.

#### 2.2. Label elements

Risk Phrases  
NC Not classified.

#### 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

|                               |                             |
|-------------------------------|-----------------------------|
| 2-BUTOXYETHANOL               | 1-5%                        |
| CAS-No.: 111-76-2             | EC No.: 203-905-0           |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |
| Acute Tox. 4 - H302           | Xn;R20/21/22                |
| Acute Tox. 4 - H312           | Xi;R36/38                   |
| Acute Tox. 4 - H332           |                             |
| Skin Irrit. 2 - H315          |                             |
| Eye Irrit. 2 - H319           |                             |

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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. Provide rest, warmth and fresh air.

#### Ingestion

Rinse mouth thoroughly. Get medical attention.

#### Skin contact

Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

#### 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.

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

#### Skin contact

No specific symptoms noted.

### 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

None under normal conditions.

#### Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

No specific fire fighting procedure given.

## 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

Do not discharge onto the ground or into water courses.

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

Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for more detailed information on health effects and symptoms. Collect and dispose of spillage as indicated in section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

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## 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

| Name            | STD | TWA - 8 Hrs |                       | STEL - 15 Min |  | Notes |
|-----------------|-----|-------------|-----------------------|---------------|--|-------|
| 2-BUTOXYETHANOL | WEL | 25 ppm(Sk)  | 123 mg/m <sup>3</sup> | 50 ppm(Sk)    |  |       |

WEL = Workplace Exposure Limit.

#### Ingredient Comments

No exposure limits noted for ingredient(s).

### 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.

#### Hand protection

Use suitable protective gloves if risk of skin contact. 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

If risk of splashing, wear safety goggles or face shield. EN166

#### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|                          |                             |
|--------------------------|-----------------------------|
| Appearance               | Liquid                      |
| Odour                    | Lemon.                      |
| Solubility               | Miscible with water         |
| Relative density         | 0.950 - 1.00 @ 20 °C (68 F) |
| Vapour pressure          | 2.33 kPa @ 20 °C (68 F)     |
| pH-Value, Conc. Solution | 7-9                         |

### 9.2. Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not known.

#### Hazardous Polymerisation

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

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## 10.5. Incompatible materials

### Materials To Avoid

Strong oxidising substances.

## 10.6. Hazardous decomposition products

No hazardous decomposition products.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Other Health Effects

This substance has no evidence of carcinogenic properties.

#### Skin contact

Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin.

#### Health Warnings

No specific health warnings noted. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

#### Toxicological information on ingredients.

#### PROPAN-2-OL (CAS: 67-63-0)

##### Acute toxicity:

##### Acute Toxicity (Oral LD50)

5280 mg/kg Rat

##### Acute Toxicity (Dermal LD50)

12800 mg/kg Rabbit

##### Acute Toxicity (Inhalation LC50)

72.6 mg/l (vapours) Rat 4 hours

#### 2-BUTOXYETHANOL (CAS: 111-76-2)

##### Acute toxicity:

##### Acute Toxicity (Oral LD50)

1480 mg/kg Rat

##### Acute Toxicity (Dermal LD50)

416 mg/kg Rabbit

##### Acute Toxicity (Inhalation LC50)

450 ppmV (gas) Rat 4 hours

## SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

Not regarded as dangerous for the environment.

### 12.1. Toxicity

#### Acute Fish Toxicity

Not considered toxic to fish.

#### Acute Toxicity - Fish

No information required.

#### Acute Toxicity - Aquatic Invertebrates

No information required.

#### Acute Toxicity - Aquatic Plants

No information required.

#### Acute Toxicity - Microorganisms

No information required.

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## Ecological information on ingredients.

### PROPAN-2-OL (CAS: 67-63-0)

#### **Acute Toxicity - Fish**

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 13299 mg/l Daphnia magna

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours > 1.000 mg/l Scenedesmus subspicatus

#### **Acute Toxicity - Microorganisms**

EC50 > 1.000 mg/l Activated sludge

### 2-BUTOXYETHANOL (CAS: 111-76-2)

LC 50, 96 Hrs, Fish mg/l

1700

EC 50, 48 Hrs, Daphnia, mg/l

>1000

IC 50, 72 Hrs, Algae, mg/l

500

## 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

### **Mobility:**

The product is water soluble and may spread in water systems.

## 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

## 12.6. Other adverse effects

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

## 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

|                             |   |
|-----------------------------|---|
| <b>General</b>              | The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
| <b>Road Transport Notes</b> | Not Classified  |
| <b>Rail Transport Notes</b> | Not classified.   |
| <b>Sea Transport Notes</b>  | Not classified.   |
| <b>Air Transport Notes</b>  | Not classified.   |

## 14.1. UN number

No information required.

## 14.2. UN proper shipping name

No information required.

## 14.3. Transport hazard class(es)

No information required.

**ADR/RID/ADN Class** Not classified for transportation.

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## Transport Labels

No transport warning sign required.

## 14.4. Packing group

No information required.

## 14.5. Environmental hazards

### Environmentally Hazardous Substance/Marine Pollutant

No.

## 14.6. Special precautions for user

No information required.

## 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.

#### 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

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SDS No. 10321

#### Risk Phrases In Full

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/38 Irritating to eyes and skin.

NC Not classified.

## ANTISTATIC SPRAY

### Hazard Statements In Full

|      |                                |
|------|--------------------------------|
| H302 | Harmful if swallowed.          |
| H312 | Harmful in contact with skin.  |
| H315 | Causes skin irritation.        |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled.            |

### 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.