



## SAFETY DATA SHEET

### GRAFFITI REMOVER FOR SENSITIVE SURFACES

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

**PRODUCT NAME** GRAFFITI REMOVER FOR SENSITIVE SURFACES

**PRODUCT NO.** EGRS400

**APPLICATION** Paint Remover

**SUPPLIER** ELECTROLUBE. A division of  
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#### 2 HAZARDS IDENTIFICATION

Extremely flammable.

Irritating to skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**CLASSIFICATION** Xi;R38. F+;R12. N;R51/53.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name         | EC No.    | CAS-No.    | Content | Classification            |
|--------------|-----------|------------|---------|---------------------------|
| WHITE SPIRIT | 265-151-9 | 64742-49-0 | 30-60%  | Xn;R65. Xi;R38. N;R51/53. |
| BUTANE       | 203-448-7 | 106-97-8   | 10-30%  | F+;R12                    |
| ISOBUTANE    | 200-857-2 | 75-28-5    | 10-30%  | F+;R12                    |
| PROPANE      | 200-827-9 | 74-98-6    | 10-30%  | F+;R12                    |

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

#### 4 FIRST-AID MEASURES

##### NOTES TO THE PHYSICIAN

Treat symptomatically

##### INHALATION

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

##### INGESTION

Rinse mouth thoroughly. Provide rest, warmth and 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.

## GRAFFITI REMOVER FOR SENSITIVE SURFACES

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

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

#### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.

#### STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name   | Std | TWA - 8 hrs |            | STEL - 15 min |            | Notes |
|--------|-----|-------------|------------|---------------|------------|-------|
|        |     |             |            |               |            |       |
| BUTANE | WEL | 600 ppm     | 1450 mg/m3 | 750 ppm       | 1810 mg/m3 |       |

WEL = Workplace Exposure Limit.

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

#### PROTECTIVE EQUIPMENT



#### ENGINEERING MEASURES

All handling to take place in well-ventilated area. Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

#### RESPIRATORY EQUIPMENT

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment.

#### 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.

#### EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

#### OTHER PROTECTION

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

#### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

#### APPEARANCE

Aerosol Liquid

#### COLOUR

Colourless

### GRAFFITI REMOVER FOR SENSITIVE SURFACES

|                                      |                     |                                       |      |
|--------------------------------------|---------------------|---------------------------------------|------|
| <b>ODOUR</b>                         | Solvent.            |                                       |      |
| <b>SOLUBILITY</b>                    | Insoluble in water  |                                       |      |
| <b>FLASH POINT (°C)</b>              | <0 CC (Closed cup). | <b>AUTO IGNITION TEMPERATURE (°C)</b> | >250 |
| <b>FLAMMABILITY LIMIT - LOWER(%)</b> | 1.9                 | <b>FLAMMABILITY LIMIT - UPPER(%)</b>  | 9.5  |

#### 10 STABILITY AND REACTIVITY

##### STABILITY

Stable under normal temperature conditions.

##### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

##### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### 11 TOXICOLOGICAL INFORMATION

##### INHALATION

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

##### SKIN CONTACT

Irritating to skin. May cause allergic contact eczema. Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin.

##### EYE CONTACT

Irritating to eyes.

##### Other Health Effects

This substance has no evidence of carcinogenic properties.

##### ROUTE OF ENTRY

Inhalation.

|                             |                        |
|-----------------------------|------------------------|
| <b>Name</b>                 | WHITE SPIRIT           |
| <b>Toxic Dose 1 - LD 50</b> | >5000 mg/kg (oral rat) |

#### 12 ECOLOGICAL INFORMATION

##### ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

|             |              |
|-------------|--------------|
| <b>Name</b> | WHITE SPIRIT |
|-------------|--------------|

#### 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



|                             |          |                         |                |
|-----------------------------|----------|-------------------------|----------------|
| <b>UK ROAD CLASS</b>        | 2        |                         |                |
| <b>PROPER SHIPPING NAME</b> | AEROSOLS |                         |                |
| <b>UN NO. ROAD</b>          | 1950     | <b>UK ROAD PACK GR.</b> | N/A            |
| <b>ADR CLASS NO.</b>        | 2        | <b>ADR CLASS</b>        | Class 2: Gases |
| <b>ADR PACK GROUP</b>       | N/A      | <b>ADR LABEL NO.</b>    | 2.1            |

**GRAFFITI REMOVER FOR SENSITIVE SURFACES**

|                         |          |                      |           |
|-------------------------|----------|----------------------|-----------|
| <b>CEFIG TEC(R) NO.</b> | 20G5F    | <b>RID CLASS NO.</b> | 2         |
| <b>RID PACK GROUP</b>   | N/A      | <b>UN NO. SEA</b>    | 1950      |
| <b>IMDG CLASS</b>       | 2.1      | <b>IMDG PACK GR.</b> | N/A       |
| <b>EMS</b>              | F-D, S-U | <b>MFAG</b>          | See Guide |
| <b>MARINE POLLUTANT</b> | No.      | <b>UN NO. AIR</b>    | 1950      |
| <b>AIR CLASS</b>        | 2.1      | <b>AIR PACK GR.</b>  | N/A       |

**15 REGULATORY INFORMATION****SYMBOLS**

Irritant



Extremely Flammable



Dangerous for the environment

**RISK PHRASES**

|        |   |
|--------|---|
| R12    | Extremely flammable.  |
| R38    | Irritating to skin.   |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

**SAFETY PHRASES**

|     |   |
|-----|---|
| 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   |
| S16 | Keep away from sources of ignition - No smoking.  |
| S23 | Do not breathe vapour/spray.  |
| S24 | Avoid contact with skin.  |
| S38 | In case of insufficient ventilation, wear suitable respiratory equipment.   |

**UK REGULATORY REFERENCES**

Chemicals (Hazard Information & Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 1988.

**ENVIRONMENTAL LISTING**

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980. Control of Pollution Act 1974.

**EU DIRECTIVES**

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

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.

**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****REVISION COMMENTS**

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

### GRAFFITI REMOVER FOR SENSITIVE SURFACES

**ISSUED BY**

Helen O'Reilly

**REVISION DATE**

NOVEMBER 2008

**REV. NO./REPL. SDS**

3

**GENERATED**

**SDS NO.**

11005

**RISK PHRASES IN FULL**

- R12 Extremely flammable.
- R38 Irritating to skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.

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.