

SAFETY DATA SHEET
Electrical Cleaner

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

Product name. Electrical Cleaner

Company
Chemical Solutions
42 Kennel Lane
Fetcham
Surrey
KT22 9PJ

0870 240 8893

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components Conc. CAS EINECS Risks
IPA 70-80% 67-63-0 200-661-7 F;R11 Xi;R36 R67
Butane 1-10% 106-97-8 203-448-7 F+;R12

3. HAZARDS IDENTIFICATION

Most important hazards. Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

Skin contact. Irritating to skin. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

Eye contact. Irritating to eyes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Inhalation. Irritating to respiratory system. Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough. Move to fresh air. Consult a physician after significant exposure.

Ingestion. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Consult a physician if necessary. Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media. Carbon dioxide (CO₂).

Specific hazards. Extremely flammable. Burning produces obnoxious and toxic fumes. Flash back possible over considerable distance. Vapours may form explosive mixture with air.

Special protective equipment for fire-fighters. Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions. Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas.

Environmental precautions. Do not let product enter drains. Prevent further leakage or spillage.

Methods for cleaning up. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling. Avoid contact with skin and eyes. Ensure adequate ventilation or exhaust ventilation in the working area. Ensure all equipment is electrically grounded before beginning transfer operations. Keep away from sources of ignition - No smoking.

Storage. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Keep away from food, drink and animal feedingstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)

Propan-2-ol WEL 8-hr limit ppm: 400

WEL 15 min limit ppm: 500

WEL 8-hr limit mg/m³: 999

WEL 15 min limit mg/m³: 1250

Butane WEL 8-hr limit ppm: 600

WEL 15 min limit ppm: 750

WEL 8-hr limit mg/m³: 1450

WEL 15 min limit mg/m³: 1810

Engineering measures. Ensure adequate ventilation, especially in confined areas.
Respiratory protection Wear self contained breathing apparatus for fire fighting if necessary.

Hand protection. PVC or other plastic material gloves.

Eye protection. Goggles.

Skin and body protection. Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description. Aerosol.

Colour. Colourless.

Odour. Alcoholic.

Flash point -20°C

10. STABILITY AND REACTIVITY

Stability. Stable under normal conditions.

Conditions to avoid. Heat, flames and sparks.

Materials to avoid. Incompatible with oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity. No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects. No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

General Information. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN-No 1950 Packing group -

Class 2 Hazard ID -

Proper shipping

name

AEROSOLS

IMDG-Code

UN-No 1950 Packing group -

Class 2 Marine pollutant .

EmS F-D S-U

IATA-DGR

UN-No 1950 Packing group -

Class 2 Sub-risks see SP63

15. REGULATORY INFORMATION

Labelling The product is classified and labelled in accordance with Directive 1999/45/EC. The product is classified in accordance with Annex VI to Directive 67/548/EEC.

Symbol(s) F+ - Extremely flammable; Xi - Irritant

R-phrase(s)

R12 - Extremely flammable.

R36 - Irritating to eyes.

R67 - Vapours may cause drowsiness and dizziness.

S-phrase(s)

S 2 - Keep out of the reach of children.

S16 - Keep away from sources of ignition - No smoking.

S23 - Do not breathe gas/fumes/vapour/spray.

S24/25 - Avoid contact with skin and eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 - Use only in well-ventilated areas.

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

R11 - Highly flammable.

R12 - Extremely flammable.

R36 - Irritating to eyes.

R67 - Vapours may cause drowsiness and dizziness.

Further information.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The 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, unless specified in the text.

