

SAFETY DATA SHEET

EASY FREE

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Issued: 23/08/2005

Revision No: 2

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

Product name: EASY FREE

Synonyms: EF500

Use / description of product: Liquid. Extremely flammable.

Company name: Specialised Aerosols Company Limited

Carr Green Lane

Mapplewell

Barnsley

South Yorkshire

S75 6DY

Tel: 01226 387101

Fax: 01226 387100

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: BUTANE 1-10%

EINECS: 203-448-7 CAS: 106-97-8

[F+] R12

- KEROSENE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT
70-90%

EINECS: 265-149-8 CAS: 64742-47-8

[Xn] R65; [N] R51/53

3. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Repeated exposure may cause skin dryness or cracking.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. Corneal burns may occur.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea. There may be loss of consciousness. Convulsions may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness. Convulsions may occur.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

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Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol resistant foam.

Exposure hazards: Extremely flammable. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Mix with sand or vermiculite. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: BUTANE
TWA 1450 mg/m³ STEL 1810 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

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Colour: Off-white**Odour:** Characteristic odour**Oxidising:** Non-oxidising (by EC criteria)**Solubility in water:** Insoluble**Flammability limits %: lower:** 0.6**upper:** 9.0**Flash point°C:** -10**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Sources of ignition. Flames.**Materials to avoid:** Oxidising agents.**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.**11. TOXICOLOGICAL INFORMATION****Chronic toxicity:** Inhalation. Skin and/or eye contact.**Routes of exposure:** May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach. Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to eyes. May cause chemical eye burns.**12. ECOLOGICAL INFORMATION****Other adverse effects:** Dangerous for the environment if discharged into watercourses.**13. DISPOSAL CONSIDERATIONS****Disposal of packaging:** Empty containers must not be burned because of explosion hazard.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 1950**ADR Class:** 2**Shipping name:** AEROSOLS**Labelling:** 2.1

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IMDG / IMO

UN no: 1950 **Class:** 2
EmS: F-D,S-U **Marine pollutant:** .
Labelling: 2.1

IATA / ICAO

UN no: 1950 **Class:** 2
Labelling: 2.1

15. REGULATORY INFORMATION

Hazard symbols: Extremely flammable.



Risk phrases: R12: Extremely flammable.
R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S2: Keep out of the reach of children.
S16: Keep away from sources of ignition - No smoking.
S23: Do not breathe vapour.
S37: Wear suitable gloves.
S51: Use only in well-ventilated areas.

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.2: R12: Extremely flammable.
R65: Harmful: may cause lung damage if swallowed.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.