

SAFETY DATA SHEET

SUPERGBOBBLER

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Issued: 17/09/2004

Revision No: 1

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

Product name: SUPERGBOBBLER

Company name: Advanced Engineering Limited

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: 1-BROMOPROPANE >90%

EINECS: 203-445-0 CAS: 106-94-5

[-] R10; [Xn] R20

3. HAZARDS IDENTIFICATION

Main hazards: Harmful by inhalation.

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. The eyes may water profusely.

Ingestion: Nausea and stomach pain may occur. Headaches or general malaise may result. The casualty may appear intoxicated.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath. Exposure may cause coughing or wheezing.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

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

Ingestion: Do not induce vomiting. Wash out mouth with water. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Water.

Exposure hazards: Harmful. In combustion emits toxic fumes.

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Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Nitrile gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Solvent resistant protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Gas

Colour: Colourless

Odour: Irritating odour which may affect the eyes and respiratory system

Evaporation rate: Moderate

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Viscosity: Highly viscous

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Sources of ignition.

Materials to avoid: Oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: 1-BROMOPROPANE
IPR MUS LD50 2530 mg/kg
IPR RAT LD50 2950 mg/kg
ORL RAT LDLO 4 gm/kg

Chronic toxicity: May cause sensitisation by inhalation. May cause sensitisation by skin contact.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION**Mobility:** Heavier than water. Heavier than air.**Persistence and degradability:** Biodegradable in part only.**Bioaccumulative potential:** Slightly bioaccumulable.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** D10 Incineration on land.**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.**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**Classification code:** 5A**Shipping name:** AEROSOLS (1-BROMOPROPANE)**Labelling:** 2.2**IMDG / IMO****UN no:** 1950**Class:** 2**EmS:** F-D,S-U**Marine pollutant:** .**Labelling:** 2.2**IATA / ICAO****UN no:** 1950**Class:** 2**Labelling:** 2.2**15. REGULATORY INFORMATION****Hazard symbols:** Harmful.**Risk phrases:** R20: Harmful by inhalation.**Safety phrases:** S23: Do not breathe vapour.

S24/25: Avoid contact with skin and eyes.

S20/21: When using do not eat, drink or smoke.

S51: Use only in well-ventilated areas.

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Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

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: R10: Flammable.
R20: Harmful by inhalation.

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.