



## SAFETY DATA SHEET

MAXY GAS

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Revision No: 3

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

**Product name:** MAXY GAS  
**Company name:** Advanced Engineering Ltd  
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### 2. HAZARDS IDENTIFICATION

**Main hazards:** Extremely flammable.  
**Other hazards:** In use, may form flammable / explosive vapour-air mixture. Extremely flammable. Risk of explosion if heated under confinement.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be irritation of the throat.  
**Inhalation:** Drowsiness or mental confusion may occur. There may be loss of consciousness.

### 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.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.  
**Ingestion:** Consult a doctor.  
**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 conscious, ensure the casualty sits or lies down. Consult a doctor.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used.  
**Exposure hazards:** In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. Extremely flammable.

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**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:** Refer to section 8 of SDS for personal protection details. Evacuate the area immediately. Notify the police and fire brigade immediately. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid. Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations - see section 9 of SDS.

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

**Clean-up procedures:** Do not use equipment in clean-up procedure which may produce sparks. Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

**7. HANDLING AND STORAGE**

**Handling requirements:** Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Avoid incompatible materials and conditions - see section 10 of SDS.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquified gas

**Colour:** Colourless

**Odour:** Pleasant

**Solubility in water:** Insoluble

**Relative density:** >1

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions. Stable at room temperature.

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

**Materials to avoid:** Oxidising agents.

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**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.**11. TOXICOLOGICAL INFORMATION****Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Highly volatile. Vapour is heavier than air.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Other adverse effects:** Negligible ecotoxicity.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** D10 Incineration on land.

R9 Use principally as a fuel or other means to generate energy.

**Disposal of packaging:** Dispose of as normal industrial waste.**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:** 2037**ADR Class:** 2**Classification code:** 5F**Shipping name:** RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES)**Labelling:** 2.1**IMDG / IMO****UN no:** 2037**Class:** 2**EmS:** F-D,S-U**Marine pollutant:** NO**Labelling:** 2.1**IATA / ICAO****UN no:** 2037**Class:** 2**Packing instructions:** 203**Labelling:** 2.1

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### 15. REGULATORY INFORMATION

**Hazard symbols:** Extremely flammable.



**Risk phrases:** R12: Extremely flammable.

**Safety phrases:** S33: Take precautionary measures against static discharges.

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

S9: Keep container in a well-ventilated place.

**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

**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.