





**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**6.2. Environmental precautions**

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

**6.4. Reference to other sections**

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

**Handling requirements:** Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**7.2. Conditions for safe storage, including any incompatibilities**

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

**7.3. Specific end use(s)**

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:**

BUTANE

Long-term exposure limit (8-hour TWA)	Short-term exposure limit (15-minute)
WEL 600 ppm, 1450 mg/m <sup>3</sup>	WEL 750 ppm, 1810 mg/m <sup>3</sup>

WEL = Workplace Exposure Limits

**8.2. Exposure controls**

**Protective equipment:**



**Engineering measures:**

Provide adequate general and local exhaust ventilation.

**General protective and hygienic measures:**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**Respiratory protection:**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

**Hand protection:**

Use protective gloves.

**Eye protection:**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**Other Protection:**

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

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>State:</b>	Aerosol
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic
<b>Solubility:</b>	Insoluble in water
<b>Flammability limits:</b>	Lower: 0.8 % Upper: 9.0 %

**9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability**

**Chemical stability:** Stable under normal temperature conditions.

**10.3. Possibility of hazardous reactions****10.4. Conditions to avoid**

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

**10.5. Incompatible materials****10.6. Hazardous decomposition products**

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

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

<b>Skin contact:</b>	Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
<b>Eye contact:</b>	Irritating to eyes. May cause chemical eye burns.
<b>Inhalation:</b>	May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.
<b>Ingestion:</b>	May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.
<b>Route of entry:</b>	Inhalation. Skin and/or eye contact.

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Ecotoxicity:** Dangerous for the environment if discharged into watercourses.

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

**General information:** Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: Transport Information

**UN Number (ADR):** 1950

**UN Number (IMDG):** 1950

**UN Number (IATA):** 1950

### 14.2 UN proper shipping name

**Proper shipping name:** AEROSOLS

### 14.3. Transport hazard class(es)

**ADR/RID/ADN Class:** 2, Class 2: Gases

**ADR Label No. IMDG** 2.1

**Class:** 2.1

**ICAO Class/Division:** 2.1

**Transport labels:**



### 14.4. Packing group

**Packing group:** Not applicable.

### 14.5 Environmental hazards

**Marine pollutant:** No

### 14.6 Special precautions for user

**EmS:** F-D, S-U

**Tunnel restriction code:** (D)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**SECTION 15: Regulatory Information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Statutory Instruments:** The Aerosol Dispensers (Amendment) Regulations 2014 No.1130.

**Guidance Notes:** Workplace Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.

**EU Legislation:** The Aerosol Dispensers Directive 1975/324 EEC.  
Regulation (EC) No.1272/2008: The Classification, Labelling and Packaging of substances and mixtures Regulations.  
Regulation (EC) No. 1907/2006: The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (REACH).  
2001/95/EC The General Product Safety Directive (GPSD).  
Commission Regulation (EU) 2015/830: Requirements for the compilation of safety data sheets (amending REACH).  
Authorisations (Title VII Regulation 1907/2006): No specific authorisations are noted for this product.  
Restrictions (Title VIII Regulation 1907/2006): No specific restrictions of use are noted for this product.

**15.2. Safety, health and environmental regulations/legislation specific for the substance or mixture****SECTION 16: Other Information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

**Phrases used in s.2 and s.3:** H220: Extremely flammable gas.  
H222: Extremely flammable aerosol.

**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.