

HEALTH & SAFETY DATA SHEET

1) PRODUCT IDENTIFICATION

Product name: Koolmax Aerosol

Name & Address of Supplier:

MWL-UK
3 Howard Road
Saltney
Chester
CH4 8UF

Telephone: 01244 677282

Fax: 01244 677282

2) HAZARDS IDENTIFICATION

Main hazards: Extremely flammable.

3) COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Butane	20 – 30%	106-97-8	203-448-7	F+;R12

4) FIRST AID MEASURES

Skin contact: May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact: May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Ingestion: Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

General information: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5) FIRE FIGHTING MEASURES

Extinguishing media: Carbon oxides. Alcohol resistant foam.

Fire hazards: Vapour may travel considerable distance to source of ignition and flash back.

Protective equipment: Wear suitable respiratory equipment when necessary.

6) ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective clothing.

Environmental precautions: Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods: Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7) HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition. No smoking.

Storage: Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:

Butane	WEL 8-hr limit ppm:600	WEL 8-hr limit mg/m ³ :1450
	WEL 15 min limit ppm:750	WEL 15 min limit mg/m ³ : 1810

Engineering measures: Ensure adequate ventilation of the working area.

Respiratory protection: Wear suitable respiratory equipment when necessary.

Hand protection: Chemical resistant gloves (PVC)

Eye protection: Approved safety goggles.

Protective equipment: Wear chemical protective clothing.

9) PHYSICAL AND CHEMICAL PROPERTIES

Description: Aerosol

Colour: Yellow

Odour: Mild

Flash point: -60 propellant oC

10) STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat, sparks and open flames. Extremes of temperature.

Materials to avoid: Oxidising agents.

Hazardous decomposition products: Thermal decomposition can produce various compounds, depending on the conditions in which decomposition took place.

11) TOXICOLOGICAL INFORMATION

Toxicological information: Butane in low concentrations may cause narcotic effects. Symptoms may include dizziness, headache, nausea and loss of co-ordination.

Acute toxicity: Eye contact with undiluted product may cause moderate irritation and stinging. There may be potential to cause corneal injury if treatment is not prompt.

Repeated or prolonged exposure: Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

12) ECOLOGICAL INFORMATION

Ecotoxicity : If released to water, the product may deplete the oxygen supply to bottom dwelling organisms.

13) DISPOSAL CONSIDERATIONS

General information: Dispose of in compliance with all local and national regulations.

14) TRANSPORT INFORMATION

ADR/RID

Proper Shipping Name	AEROSOLS	UN 1950
Packing group – Hazard ID –		Class 2

IMDG

UN 1950		
Packing group – Marine pollutant		Class 2
EmS F-D S-U		

IATA

UN 1950		
Packing group – Subsidiary risk see SP63		Class 2

15) REGULATORY INFORMATION

Labelling: The product is classified in accordance with 67/548/EEC.

Symbols: F+ - Extremely flammable

Risk phrases: R12 – Extremely flammable.

Safety phrases: S1/2 – Keep locked up and out of the reach of children.

S13 – Keep away from food, drink and animal feeding stuffs.

S16 – Keep away from sources of ignition – no smoking.

S46 – If swallowed, seek medical advice immediately and show this container or label.

16) OTHER INFORMATION

Text of risk phrases in Section 3: R12 Extremely flammable.

Further information: The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however no guarantee is made to its accuracy. This 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 other process.