

5. FIRE FIGHTING MEASURES

Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray. Do not use water jet. Containers may explode in heat or fire. This product may give rise to hazardous fumes in a fire. Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition. Ventilate the area. Wear appropriate protective clothing. Material can create slippery conditions underfoot. Try to prevent the material from entering drains or water courses. Allow to evaporate if it safe to do so or contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling	Use in well ventilated area.
Storage	Storage area should be out of direct sunlight. Storage temperature should be kept below 50 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards:-	OES 8hr ppm	OES 15 min ppm
Carbon Dioxide	5000.00	15000.00
2-Propanol	400.00	500.00
Solvent Naphtha (petroleum) Heavy Aliphatic		

Engineering Control Measures

Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Respiratory Protection

Respiratory protection if there is a risk of exposure above OEL's.

Hand Protection

Use a good quality barrier cream before use.

Eye Protection

Chemical goggles if there is a risk of eye contact.

Body Protection

Normal work wear.

Protection During Application

During application, adequate ventilation must be provided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Colourless
Odour	Characteristic.
Boiling Range/Point (°C)	195
Flash Point (Abel) (°C)	<0
Explosion Limits (%)	0.9 to 8.0 (based on major component)
Solubility in Water (kg/m³)	Partially insoluble
Density (kg/m³)	0.74 (measured as kg/litre)
Auto-flammability (°C)	Above 200.
Viscosity (cSt)	Mobile liquid at ambient temperatures
Evaporation Rate (Referenced as n-butyl acetate=1)	<0.1
Vapour density (Air=1)	Heavier than air

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Exposure to direct sunlight. Temperatures in excess of 50 °C.
Materials to Avoid	Strong oxidising agents, strongly acidic and alkaline materials.
Hazardous Products	Decomposition Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility. Combustion may also generate: oxides of sulphur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Low order of acute toxicity.
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12. ECOLOGICAL INFORMATION

Mobility	The product is insoluble in water. If released to water the product will float. The product will leach into soil.
Persistence/ Degradability	The product is expected to be resistant to biodegradation.
Bio-accumulation	Product is not expected to bio-accumulate.

13. DISPOSAL

Container Disposal	Plastic caps and empty aerosols may be recycled via appropriate routes. Empty aerosols may be disposed of by authorised landfill. Do not incinerate closed containers.
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14. TRANSPORT INFORMATION

UN Number	1950
UN Proper Shipping Name	Aerosols, flammable, n.o.s.
UN Class	2.1
UN Packaging group	11
ADR/RID - Substance	1950
ADR/RID - Class	2
ADR/RID - Description	Aerosol
ADR/RID- Item No	10(b)2
IMDG - Proper Shipping Name	Aerosol Dispensers
IMDG - Packaging Group	11
IMDG - Class 9	
IMDG - Marine pollutant	No
IMDG - Ems Number	2-13
IMDG - MFAG Table Number	260
IATA - Proper Shipping Name	Aerosols, flammable, n.o.s.
IATA - Packaging group	11
IATA - Class	2.1
Tremcard No. TEC (R)	20G26

15. REGULATORY INFORMATION

Classification	F+ Extremely Flammable
R phrases	12 Extremely Flammable
S phrases	2 Keep out of reach of children 26 In case of contact with eyes, rinse immediately with water and seek medical advise. 46 If swallowed seek medical advise immediately and show this information or label. 16 Keep away from sources of ignition. No smoking and do not breathe vapour or spray.

16. OTHER INFORMATION

Product Use	For industrial use only.
MSDS first issued	20/11/97
MSDS data revised	

17. NATIONAL LEGISLATION

EC Legislation	EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations. EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of Member States relating to aerosol dispensers.
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