



MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name On Label : 1-Chloro-1,2-dibromo-1,2,2-trifluoroethane

Product Number : 193

Supplier :

LEONID CHEMICALS

62/A-2 2nd Stage, Industrial Suburb

Yeshwanthpur, Bangalore -22, INDIA

Ph- +91-80-23378354

Alternative Names : None in common use.

2. COMPOSITION AND INFORMATION ON COMPONENTS

Name : 1-Chloro-1,2-dibromo-1,2,2-trifluoroethane

Minor Impurities : Not determined

CAS Number : 354-51-8

EINECS Number : 2065625

EEC Number :

3. HAZARDS IDENTIFICATION

Designation :

No specific hazard

Risk Phrases

4. FIRST AID MEASURES

Inhalation

Remove to fresh air. Seek medical advice if symptoms persist.

Eye Contact

Flush with copious amounts of water for at least 15 minutes.

Skin Contact

Wash affected area with soap and water. Rinse thoroughly.

Ingestion

Rinse out mouth and drink lots of water. If unusual symptoms are observed, seek medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Medium

Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.



Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

Hazardous Products of Combustion May Include:

carbon monoxide, carbon dioxide, hydrogen bromide (hydrobromic acid), hydrogen chloride (hydrochloric acid), hydrogen fluoride (hydrofluoric acid).

6. ACCIDENTAL RELEASE MEASURES

Personal Protection

Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.

Environmental Protection

Take precautions to ensure product does not enter the drainage system.

Collection

Mix with vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.

7. HANDLING AND STORAGE

Handling

Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.

Storage

Store in tightly sealed containers in a cool place.
Protect from moisture.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory

Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.

Eye

Avoid eye contact. Wear safety spectacles or goggles.

Hands and Body

Avoid skin contact. Wear rubber gloves and protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Physical Constants: Not available

Molecular Formula : C₂Br₂ClF₃

Formula Weight : 276.28

Water Solubility :

Density : Not available

Flash Point : Not available

10. STABILITY AND REACTIVITY

Specific Hazard

Incompatibilities

Strong oxidising agents.

Decomposition

Hazardous products of decomposition may include:

carbon monoxide, carbon dioxide, hydrogen bromide (hydrobromic acid), hydrogen chloride (hydrochloric acid), hydrogen fluoride (hydrofluoric acid).

11. TOXICOLOGICAL INFORMATION

RTECS Number : KH9300000

Acute Toxicity

LD50 : LC50 IHL-MUS 22gm/m³/2H

12. ECOLOGICAL EFFECTS

General

Take care to prevent chemicals from entering the ground, water courses or drainage systems.

13. DISPOSAL CONSIDERATIONS

Disposal

Disposal should be via an approved contractor and should take full account of local regulations.

14. TRANSPORT INFORMATION

UN Number :

Land Transport

ADR/RIC Code/Class: Not Restricted

Maritime Transport IMDG Code/Class : Not Restricted

Air Transport IATA Code/Class : Not Restricted

15. REGULATORY INFORMATION

CAS Number : 354-51-8

EINECS Number : 2065625

EEC Number :

UN Number : None

RTECS Number : KH9300000

Hazard Indication :

No specific hazard

Risk and Safety Phrases

None specified - Exercise all due care in use

TSCA: Not listed. For research and development use only.

16. OTHER INFORMATION

It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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