



TGV SRAAC LIMITED

GONDIPARLA, KURNOOL - 518004

TGV SRAAC/MSDS/21
Rev. /Date: 01/03.07.2025



MSDS – CHLOROFORM

1. Company Identification:

M/s TGV SRAAC LIMITED,
(Formerly Sree Rayalaseema Alkalies & Allied Chemicals Ltd.), Gondiparla, Kurnool.
Phone : 08518 280006, 7, 8
Toll Free No. : 1800111735

2. Product Identification:

Chemical Name : Trichloro methane.
Synonyms : Chloroform.
Chemical Formula : CHCl_3
Molecular Weight : 119.4
CAS Registry No. : 67-66-3.

3. Hazards Identification :

Colorless liquid with pleasant sweet odor,

Effects of over exposure:

Inhalation: Causes dilation of pupils with reduced reaction to light as reduced intraocular pressure, irritation of mucous membrane, conjunctiva and skin followed by excitation, loss of reflexes, sensation and consciousness. Prolonged inhalation leads to paralysis and finally to death.

Eye & Skin: Causes irritation.

Ingestion: Causes dryness of mouth and throat, headache, nausea and dizziness'.

Chronic:

Kidney disorder, liver disorder, heart disorder, skin disorder.

4. First Aid Measures :

Inhalation: Remove the victim to fresh air, if not breathing- give artificial respiration. If breathing is difficult- give oxygen.

Skin: Flush the affected parts with plenty of water.

Eyes: Flush with water for 15 minutes.

Ingestion: If conscious, induce vomiting. Give him plenty of water & milk.

5. Fire Fighting Measures:

Nonflammable.

Use extinguisher media appropriate for surrounding fire.

Use water to keep the fire-exposed container-cool. If decomposes, produces toxic gases.

6. Accidental Release Measures:

Shut off leaks if without risk. Absorb on sand or earth. Seal all waste in vapor tight plastic bags for eventual disposal.

7. Handling and Storage :

Keep the containers tightly closed. Store in secured poison area.

8. Exposure Controls and Protection:

Wear safety, goggles, self-contained breathing apparatus, air tight mask, PVC gloves.

9. Physical and chemical properties:

Physical state : Colorless liquid.
Boiling point : 61 °C
Freezing Point : -64 °C
Specific Gravity : (at 27 °C) : 1.480
Vapor Pressure : 159 mm of Hg at 20 °C
Solubility in water : 0.79gm/100gm of water.

10. Stability and reactivity:

Chemical Stability : Stable.

Incompatibility : Strong bases, alkali metals, aluminum, strong oxidizing agents.

Conditions to avoid : Avoid to heat, flame and other sources of ignition, light, air and moisture.

Decomposition products : May decomposes to chlorine, Hydrochloric acid, Phosgene,

Hazardous Polymerization : None.

11. Toxicological Information:

Toxicity Data :

TLV : 10 ppm (50 mg/m³)

PEL : 50 ppm (240 mg/m³)

12. Ecological Information :

None.

13. Disposal Consideration:

accordance with all applicable and federal, state and local environment regulations.

14. Transport Information:

Proper shipping name: Chloroform.

Hazard Classification : 6.1

U.N./N.A.No:N 1888.

Shipping label: Poison.

15. Regulatory Information:

Local Regulatory bodies:

APPCB, Kurnool.

Dy. Chief Inspector of Factories,
Kurnool.

16. Other Information:

Information containing in this MSDS is believed to be reliable. But no guarantee is made as to its accuracy, suitability for a particular application or results to be obtained from them.

Contact Person :

Mr. C. Srinivasa Babu, E.D (Tech.)
Mr. E. Ramaiah, Director (Mech.)

Phone : 08518 280006,07,08