

Carbon Tetra Chloride:

Point no. 1 Chemical product synonyms Name of Manufacturing Company	Chemical product and company identification. Carbon Tetra Chloride Carbon Tetra Chloride, Carbon chloride M/s. Gujarat Alkalies & Chemicals Limited. P.O. Petrochemicals, Dist. Vadodara Gujarat, INDIA Telephone No. 2232681, 2232981 –82, 2232039 Fax No. 2232130 Pin code no. 391 346 State –
Point No. 2	Composition, Information on ingredients Carbon tetrachloride, CAS No. 56-23-5
Point No. 3	Hazardous Identification Carbon tetra chloride, CCL4, Poison, Class – 6, U.N. No. 1846 Hatched No. 2Z, CAS No. 56-23-5 Hazardous Waste – I.D. No. 6 NFPA rating Health – 3, Fire –0, Reactivity – 0
Point No. 4	First Aid Measure Eyes: - flush eyes with running wash. Skin: - remove contaminated cloth; wash exposed skin with soap and water. Inhalation: - Move the victim to fresh air area. Ingestion: - stomach wash, call physician.
Point No. 5	Fire Fighting Measure Fire – It is not flammable. Keep the containers cool by spraying water if exposed to heat or flame. Poisonous & irritating gases are produced.
Point No. 6	Accident Release Measures Shut off leaks if without risks. Absorb on sand or earth. Waste disposal method: - Evacuate area, workers involved in clean up must use protection against skin contact. Prevent release to surface water or sewers.
Point No. 7	Handling and storage Transferring by hand using open bucket are not recommended because spillage is almost unavoidable. Avoid physical contact use Personal Protective Equipments. Store in a cool, dry, well ventilated location, away form heat. A separate covered storage area should be provided for drums.
Point No. 8	Exposure controls TLV (ACGIH) 5 skin 30 (skin) stel not listed ppm mg/m ³ ppm Odour – 10 ppm 60 mg/m ³ Exposure limit LD – 50 – 2800 mg/Kg (oral-rat) Personal Protective equipment: - PVC hand gloves, gas mask with canister, on line air breathing apparatus, B.A. Set poly carbonate goggles, face shield, gum boots PVC apron.
Point No. 9	Physical and Chemicals Properties Physical State :- liquid Appearance :- Odour :- Sweet

	<p>Solubility in water_at 20C_08 Vapour density 5.3%r = 1) Boiling range/point 76.8⁰C PH : Neutral Melting / freezing point -22.9⁰C Vapour pressure, 100m Hg at 23⁰C Specific gravity – (ater = 1)_.597 20⁰C</p>
oint No. 10	<p>Stability and Reactivity Chemical stability :- State Incompatibility with barium, lithium, sodium & potassium metal powder, other Material is aluminum. Reactivity :- violent reaction or explosions can occur, with allyl alcohol, disilane Hazardous reaction products: - emits toxic fumes.</p>
Point No. 11	<p>Toxicological information Route of entry :- skin & eye contact, inhalation, ingestion Effect of exposure symptoms:- Excessive inhalation is irritating to respiratory trace and can cause headache, nausea, unconsciousness and even death, skin contacts can cause defeating and dermatitis. Emergency Treatment :- 1 Inhalation: - Remove victim to fresh air area, restore breathing if required get medical help. 2. Skin: - Remove contaminated cloth, wash exposed skin with soap and water. 3. Eyes :- Flash eyes with running water, 4. Ingestion: - stomach wash, call physician.</p>
Point No. 12	<p>Ecological information No data found.</p>
Point No. 13	<p>Disposal Consideration Waste disposal method :- Evacuate area, workers involved in clean up must use protection against skin contact. Prevent release to surface water or sewers.</p>
Point No. 14	<p>Transport information :- 1) Formula :- CCL4, CAS No. 56-23-5, U.N. No. 1846 2) Regulated shipping identification name:- Carbon Tetra chloride, Hazchem No. 2 Z Code/Label :- Poison, Class – 6 Hazardous waste :- I.D. No. 6</p>
Point No. 15	<p>Regulatory information :- Hazardous ingredients :- Carbon Tetra chloride, CAS No. 56-23-5</p>
Point No. 16	<p>Other Information Information contained in this material data sheet is believed to be reliable but no representation. Guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the manufacture/seller to ensure that the information contained in the material safety data sheet is relevant to the product manufacture handled or sold by him as the case may be. The Government makes no warranties, expressed or implied, in respect of the adequacy of this document for any particular purpose.</p>