

MATERIAL SAFETY DATA SHEET

Point no. 1	Chemical product and company identification.
Chemical product	Potassium Carbonate
synonyms	Carbonic Acid
Name of Manufacturing Company	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 Potassium Carbonate, CAS No. 584087
Point No. 3	Hazardous Identification U.N. No. Not listed, Hazchem No. -- , CAS No. 584087 Hazardous Waste – I.D. No. -- NFPA rating Health – , Fire – , Reactivity – --
Point No. 4	First Aid Measure 1. Eyes :- Wash with plenty of water 2. Skin :- Wash with plenty of water 3. Inhalation :- ----- 4. Ingestion :- Drink large quantity of water
Point No. 5	Fire Fighting Measure- Not Applicable
Point No. 6	Accident Release Measures Collect spill Material in bags.
Point No. 7	Handling and storage Stored in well-ventilated bonded warehouse.
Point No. 8	Exposure controls TLV (ACGIH) ---- ppm Odour – ppm mg/m ³ stel not listed ppm mg/m ³

	Exposure limit LD – 50 – 1870 mg/Kg (oral-rat) Personal Protective equipment: - Use rubber / PVC hand gloves & clothe. Use Safety goggles & Rubber boots.
Point No. 9	Physical and Chemicals Properties 5) Physical State :- Solid 6) Appearance :- White Delique sent powder 7) Odour :- Odourless 8) Solubility in water at 30⁰ C Completely Soluble 9) Vapour density ---- 10) Boiling range/point Decomposes 11) PH : ---- 12) Melting /freezing point - 891⁰ C 13) Vapour pressure, ---- 14) Specific gravity – 2.29 (Solid)
Point No. 10	Stability and Reactivity Chemical Stability :- Stable Incompatibility It will effect wool, leather, Metals such as Aluminum, Tin, Lead & Zinc. Reactivity :- Considerable heat is generated when water is added to Potassium Carbonate. It reacts violently with many Organic chemicals. Hazardous reaction products :- None
Point No. 11	Toxicological information Route of entry :- Skin, Eyes & Swallowing Effect of exposure symptoms:- Skin : Dehydrating action/ Burns. Eyes : Severe injury Swallowing : Severe internal injury Emergency Treatment :- Same as point No. 4.
Point No. 12	Ecological information

	Data not available
Point No. 13	Disposal Consideration Leakages & Spillage are to be flushed out with plenty of water.
Point No. 14	Transport information :- 1) Formula :- K_2CO_3 C.A.S.No. 584087 2) Regulated shipping identification name:- Potassium Carbonate 3) Code/Label :- Corrosive Hazardous waste :- I.D. No. Not listed
Point No. 15	Regulatory information: - Hazardous ingredients: - Potassium Carbonate CAS No. 584087
Point No. 16	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.