



Gujarat Alkalies and Chemicals Limited

(Promoted by Govt. of Gujarat)

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MATERIAL SAFETY DATA SHEET- POTASSIUM CARBONATE

Point no. 1 Chemical product synonyms Name of Manufacturing Company	Chemical product and company identification. Potassium Carbonate Carbonic Acid M/s. Gujarat Alkalies & Chemicals Limited. P.O. Petrochemicals, Dist. Vadodara State – Gujarat, INDIA Telephone No. 2232681, 2232981 –82, 2232039 Fax No. 2232130 Pin code no. 391 346
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) ---- mg/m ³ ppm stel not listed ppm Odour – 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 30° C Completely Soluble 9) Vapour density ---- 10) Boiling range/point Decomposes 11) PH : ----

	<p>12) Melting /freezing point - 891^o C</p> <p>13) Vapour pressure, ----</p> <p>14) Specific gravity – 2.29 (Solid)</p>
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Point No. 10	<p>Stability and Reactivity</p> <p>Chemical Stability :- Stable</p> <p>Incompatibility It will effect wool, leather, Metals such as Aluminum, Tin, Lead & Zinc.</p> <p>Reactivity :- Considerable heat is generated when water is added to Potassium Carbonate. It reacts violently with many Organic chemicals.</p> <p>Hazardous reaction products :- None</p>
Point No. 11	<p>Toxicological information</p> <p>Route of entry :- Skin, Eyes & Swallowing</p> <p>Effect of exposure symptoms:-</p> <p>Skin : Dehydrating action/ Burns.</p> <p>Eyes : Severe injury</p> <p>Swallowing : Severe internal injury</p> <p>Emergency Treatment :-</p> <p>Same as point No. 4.</p>
Point No. 12	<p>Ecological information</p> <p>Data not available</p>
Point No. 13	<p>Disposal Consideration</p> <p>Leakages & Spillage are to be flushed out with plenty of water.</p>
Point No. 14	<p>Transport information :-</p> <p>1) Formula :- K₂CO₃ C.A.S.No. 584087</p> <p>2) Regulated shipping identification name:- Potassium Carbonate</p> <p>3) Code/Label :- Corrosive</p> <p>Hazardous waste :- I.D. No. Not listed</p>
Point No. 15	<p>Regulatory information: -</p> <p>Hazardous ingredients: - Potassium Carbonate</p> <p>CAS No. 584087</p>
Point No. 16	<p>Other Information</p> <p>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>