

MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

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SECTION 1 Product Identification

CHEMICAL NAME: Cesium carbonate
CAS #: 534-17-8
FORMULA: Cs₂CO₃
SYNONYM: Carbonic acid, Dicesium salt, Dicesium carbonate

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS #	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	534-17-8	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Forms a moderately alkaline liquid in contact with moisture and the human body. Prolonged contact may cause severe irritation of the eyes, skin and respiratory system.
PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation, skin and eyes
EYE CONTACT: May cause severe irritation of the eyes resulting in redness, chemical burns and watering.
SKIN CONTACT: Prolonged contact with moist skin may cause irritation or chemical burns.
INHALATION: May cause difficulty breathing and irritate the mucous membranes and respiratory tract
INGESTION: Ingestion of large amounts may cause stomach cramps, vomiting, and ulceration.
CHRONIC HEALTH EFFECTS: No Information available on long-term chronic effects.
ACUTE HEALTH EFFECTS: Severely irritating to skin, eyes and respiratory tract

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.
SKIN EXPOSURE: Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.
INHALATION: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.
INGESTION: Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.