

PRMI

MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY NO: CHEM-TREC 1-800-424-9300

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SECTION 1 Product Identification

CHEMICAL NAME: CESIUM HYDROXIDE, 50% Solution

PRODUCT NO: 1453

CAS#: 21351-79-1

EINECS NO: 244-344-1

FORMULA: CsOH

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	21351-79-1	50	2 mg/m3	No data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: **CORROSIVE** Harmful if inhaled. Harmful if swallowed. Causes severe burns to eyes. Causes burns to skin. Causes severe burns to digestive and respiratory system.

PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation, skin, eyes.

EYE CONTACT: Causes severe burns, irritation of the eyes and could cause permanent damage to cornea.

SKIN CONTACT: Causes burns to skin.

INHALATION: Causes severe burns to respiratory system.

INGESTION: Causes severe burns to digestive system.

ACUTE HEALTH EFFECTS: Causes severe burns to eyes; possibly permanent damage. Causes severe burns to respiratory and digestive system. Causes burns to skin.

CHRONIC HEALTH EFFECTS: No information available on long-term chronic effects.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water (lukewarm if possible) 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 for at least 15 minutes. Remove contaminated clothes if necessary. Seek medical assistance if irritation, burns, or redness persists.

INHALATION: Remove 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. Give oxygen if deemed necessary. If not breathing administer CPR. Get emergency care immediately.

INGESTION: Seek medical assistance immediately. Keep the victim calm. Do not induce vomiting.