

MATERIAL SAFETY DATA SHEET

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

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SECTION 1 Product Identification

CHEMICAL NAME: Potassium hydroxide
CAS#: 1310-58-3
FORMULA: KOH
SYNONYM: Caustic potash

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	1310-58-3	100	2mg/m3 (ceiling limit)	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Corrosive. This alkaline hydroxide can cause chemical burns at all points of human contact.

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

EYE CONTACT: May cause severe corrosion of the eyes resulting in redness, chemical burns, watering, and blindness

SKIN CONTACT: Contact with skin may cause irritation or chemical burns.

INHALATION: Dust may be irritating to the nose, mucous membranes and respiratory tract.

INGESTION: Ingestion may cause stomach cramps, vomiting, and ulceration.

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

ACUTE HEALTH EFFECTS: May cause burns 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.