

Potassium Hydroxide	Potash	1310-58-3	Approx 10%
Sodium Hydroxide	Caustic Soda	1310-73-2	~23%

If on skin immediately wash with plenty of water. Get medical attention.

Do not allow victim to rub or keep eyes tightly shut. Gently lift eyelids and flush immediately and continuously with flooding amounts of water until transported to an emergency medical facility. Consult a physician immediately.

If swallowed: Rinse mouth. Do NOT induce vomiting.

Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide the name of the chemical(s).

Call a physician or poison control center immediately. Do not induce vomiting. Immediately rinse mouth and drink plenty of water. If vomiting occurs, keep head low so that the stomach content doesn't get into the lungs. Never give anything by mouth to an unconscious person. Do not use mouth-to-mouth method if victim ingested the substance.

May cause irritation and inflammation in nose, throat and lungs.

Severe eye and or skin irritation or burns.

Causes severe skin burns

Severe eye and or skin irritation or burns.

Severe eye and or skin irritation or burns.

Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.

Heat and fire may result in the release of corrosive fumes.

Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

Wear appropriate chemical protection equipment such as gloves, face-shield, goggles and suitable body protection to prevent contamination of skin, eyes and personal clothing.

Stop leak if possible without risk.

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

Do not get in eyes, or on skin, or on clothing.

Eating, drinking and smoking in the work area is prohibited.

Use ventilation sufficient to keep personal exposure below the OSHA Permissible Exposure Limits (PEL) and or the ACGIH Threshold Limit Value (TLV) Time Weighted Average (TWA) exposure limits.

Wash hands thoroughly after handling.

Wear rubber protective gloves, chemical protective clothing, eye protective goggles and face shield for face protection.

Speed of removing product from skin is of primary importance. Once in contact, wash off with water immediately.

Keep container tightly closed.

Store in cool dry place.

Store locked up.

Store away from incompatible materials. (See section 10).

Store in corrosive resistant container.

Potassium Hydroxide	ACGIH	2 mg/m3	
Sodium Hydroxide	ACGIH	2 mg/m3	2 mg/m3

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI 788.2 or applicable federal requirements must be followed whenever work place conditions warrant respirator use. NIOSH's Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Not required if proper ventilation controls are employed.

N/A

Rubber aprons, safety shoes and similar protective clothing.

Straw colored liquid

No odor

>13

N/A

N/A

None

N/A

Non flammable

N/A

N/A

Unknown

1.36

Complete in water

N/A

N/A

N/A

Stable under normal conditions

Contact with incompatible materials

not known

Potassium Hydroxide - Rat LD50 = 273 mg/kg.

Caustic 50% solution: LD50, Rat-300-500 mg/kg

Potassium Hydroxide - Draize test, Rabbit Skin: 50 mg/ 24 hour -Severe

May cause irritation to skin and eyes.

Irritation / burns of skin and eyes.

Not listed by IARC, NTP, OSHA, ACGIH

Eyes, Skin, Inhalation, Ingestion

Caustic-99 mg/L, 48 hrs

No data available

No data available

No data available

Pronounced solubility and mobility
Pronounced solubility and mobility
Not known

Dispose of in accordance with local, state and federal regulations.

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CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE AND
POTASSIUM HYDROXIDE),

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II

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N/A