



Better Chemistry.

6/25/21

Specific treatment - refer to poison center or doctor for advice.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If on skin (or hair): Take off immediately all contaminated clothing Rinse skin with water/shower .

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store locked up.

Store in corrosive resistant high density polyethylene container.

Store in well ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local, regional, national, or international regulations.

Sodium Hydroxide	Caustic Soda	1310-73-2	30-54%
Sodium Chlorite	Alcideally	7758-19-2	Approximately 20%

Move to fresh air. If breathing is difficult, give oxygen. If breathing stops, provide artificial respiration. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one way valve or other proper respiratory device. Call a physician or poison control center immediately.

Take off immediately all contaminated clothing. Wash off IMMEDIATELY with plenty of water for at least 15-20 minutes. Get medical attention immediately! Wash clothing separately before reuse. Destroy or thoroughly clean all contaminated shoes.

Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Call a physician or poison control center immediately.

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.

Burning pain and severe corrosive skin damage. Permanent eye damage including blindness could result. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Shortness of breath.

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.

Emergency personnel should protect against secondary contamination.

Water fog. Foam. Dry Chemical powder. Carbon Dioxide (CO2). Use extinguishing agent suitable for type of surrounding fire. Do not use solid water stream as it may scatter and spread fire. Do not use halogenated extinguishing agents.

The product itself does not burn. May decompose upon heating to produce corrosive and/or toxic fumes. Contact with metal may release flammable hydrogen gas.

Fire fighters should enter area only if they are protected from all contact with the material. Full protective clothing, including self-contained breathing apparatus, coat, pants, gloves, boots and bands around legs, arms, and waist, should be worn. No skin surfaces should be exposed.

Prevent spilled product from drains, sewers, waterways and soil.

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

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.

Use caution when combining with water. DO NOT add water to Caustic. ALWAYS add caustic to water while stirring to minimize heat generation. Do not get in eyes, skin or on clothing. Do not taste or swallow. Do not breath vapor or mist. Use only with adequate ventilation. Wear appropriate personal protective equipment. Transfer and storage systems should be compatible and corrosion resistant. Observe good industrial hygiene practices.

Keep container tightly closed.

Store in cool dry place. systecontactsf T skis Deratfreezlu10nc11.4 T3Sm11.11.4 ow.lu10n25 Td /cK

Wear chemical resistant apron.

Clear colorless liquid

No odor

N/A

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50-53° F (50% solution)

266-284° F (50% Solution)

N/A

N/A

N/A

N/A

23.76 mm Hg (approximately) (77°0Ela25 °C))

N/A

1.385-1.405

Complete in water

N/A

N/A

N/A

N/A

Contact with metal may release flammable hydrogen gas.

Stable under normal conditions

Hazardous polymerization does not occur.

Reacts violently with strong acids. This product may react with oxidizing agents. Do not mix with other chemicals. Corrosive to aluminum, tin, zinc, copper and most alloys in which they are present including brass and bronze. Corrosive to steels at elevated temperatures above 40 °C.

Avoid contact with aluminum, tin, zinc, halogenated solvents, and strong oxidizers and acids.

Contact with metal (aluminum, zinc, tin) and sodium tetrahydroborate liberates hydrogen gas.

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

Sodium Chlorite -LD50-rat-200-500 mg/kg

Sodium Chlorite--LC50(rat) 4 hour-230 mg/m3

Caustic 50% solution-LD50 Rabbit->2 g/kg

Sodium Chlorite--LD50-Rabbit-->50-400 mg/kg

NA

Severe irritation or burns to skin, eyes and respiratory system

Not listed by IARC, NTP, OSHA, ACGIH

Eyes, Skin, Inhalation, Ingestion

Caustic-99 mg/L, 48 hrs  
Unlikely  
Disperses in water.  
Pronounced solubility and mobility

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

3266  
CORROSIVE LIQUIDS,BASIC,INORGANIC,NOS(SODIUM HYDROXIDE,SODIUM  
CHLORITE)  
8  
II  
154

Sodium Hydroxide-RQ=1000 lbs

SARA 302 - Extremely Hazardous Substances; None present

The chemicals in this product are not subject to SARA Title III , Section 313 Reporting Requirements.

No Proposition 65 listed components in this formula

All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements .

No            or                            are contained in this product.

The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.

8/8/14