

ALCLENELC 120-L

Revised: 9/30/25

1 IDENTIFICATION

Product Name: ALCLENELC 120-L

Product Code :2052223

Recommended use of the chemical and restrictions on use:Alkaline Liquid Cleaner

Hubbard-Hall Inc.

563 South Leonard Street

Waterbury, CT 06708

Telephone: 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION



Signal Word: DANGER

Hazard Category: Skin Corrosion/Irritation Hazard Category 1A

Corrosive to Metals Hazard Category 1

Eye Damage/Irritation Hazard Category 1

Hazard Statements: Causes severe skin burns and eye damage.

May be corrosive to metals.

Prevention: Wash skin thoroughly after handling.

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

Do not breath dusts or mists.

Keep only in original container.

Response: If swallowed: Rinse mouth. Do NOT induce vomiting.

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

Wash contaminated clothing before reuse.

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

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

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

Absorb spillage to prevent material damage .

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

Storage: Store locked up.

Store in corrosive resistant high density polyethylene container.

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

3 COMPOSITION INFORMATION

| Chemical Name | Common Name And Synonyms | CAS No. and other Unique identifiers | Concentration % |
|------------------|-----------------------------|---|-----------------|
| Sodium Hydroxide | Caustic Soda | 1310-73-2 | 1-5% |

4 FIRST AID

After Skin Contact:

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

After Eye Contact:

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.

After Ingestion:

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.

Most Important Symptoms/Effects

Inhalation:

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

Eye:

Severe eye and or skin irritation or burns.

Skin:

Causes severe skin burns

Delayed:

Severe eye and or skin irritation or burns.

Indication of immediate medical attention:

Severe eye and or skin irritation or burns.

5 FIRE FIGHTING MEASURES

Suitable and Unsuitable extinguishing media:

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

Specific hazards arising from the chemical:

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

Special protective equipment and precautions for firefighter

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

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, & Emergency Proc Wear appropriate chemical protection equipment such as gloves, face-shield, goggles and suitable body protection to prevent contamination of skin, eyes and personal clothing.

Methods and Materials for containment & cleaning up: 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.

7 HANDLING AND STORAGE

Precautions for safe handling: 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 gloves, eye protection, and chemical protective clothing.

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

Conditions for safe storage, inc any incompatibilities: Store locked up

Store in cool dry place.

Store locked up.

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

Store in corrosive resistant container.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| Name | Std. | TWA-8hrs | STEL - 15 min. |
|------------------|-------|---------------------|---------------------|
| Sodium Hydroxide | ACGIH | 2 mg/m ³ | 2 mg/m ³ |

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

Respiratory Protection: 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.

Use protection if misting of product is possible

Special: N/A

Other Protective Equipment: Wear eye protection, safety shoes and chemical protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---------------|
| Appearance: | Amber Liquid |
| Odor: | Mild odor |
| PH: | 13.5 |
| Melting Point/Freezing Point: | NA |
| Initial Boiling Point and Boiling Range: | 212-216 °F |
| Flash Point: | NA |
| Evaporation Rate: | N/A |
| Flammability (solid, gas): | N/A |
| Upper/Lower flammability or explosive limits: | non-flammable |
| Vapor Pressure: | NA |
| Vapor Density: | Unknown |
| Relative Density: | 1.10 |
| Solubility (ies): | 100% |
| Auto-ignition Temperature: | N/A |
| Decomposition Temperature: | NA |
| Viscosity: | NA |

10 STABILITY AND REACTIVITY

| | |
|-----------------------------------|-------------------------------------|
| Chemical Stability: | Stable under normal conditions |
| Conditions to Avoid: | Contact with incompatible materials |
| Hazardous Decomposition Products: | not known |

11 TOXICOLOGICAL INFORMATION

| | |
|------------------------|---|
| Oral Administration: | Caustic 50% solution: LD50, Rat-300-500 mg/kg |
| Dermal administration: | Caustic 50% solution-LD50 Rabbit->2 g/kg |
| Irritation: | May cause irritation to skin and eyes. |
| Delayed effects: | Irritation / burns of skin and eyes. |
| Cancer Hazard: | Not listed by IARC, NTP, OSHA, ACGIH |
| Routes of Exposure | Eyes, Skin, Inhalation, Ingestion |

12 ECOLOGICAL INFORMATION

| | |
|---|------------------------------------|
| Fish, <i>Oncorhynchus mykiss</i> | no data available |
| <i>Lepomis macrochirus</i> , | no data available |
| <i>Daphnia Magna</i> , | no data available |
| Abiotic degradability: | No data available |
| Biotic degradability: | No data available |
| Bioaccumulation potential: | No data available |
| Water result: | Pronounced solubility and mobility |
| Soil/Sediment Result: | Pronounced solubility and mobility |
| Other adverse effects (such as hazardous to the ozone layer): | Not known |

13 DISPOSAL CONSIDERATION

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

14 TRANSPORT INFORMATION

UN Number: 1760
UN Proper Shipping Name: CORROSIVE LIQUIDS,NOS(SODIUM HYDROXIDE)
Transport Hazard Class (es): 8
Packing Group: II
ERG: 154
Marine Pollutant(Y/N): N/A

15 REGULATORY INFORMATION

HMIS: Health: 3 Flammability: 0 Reactivity: 1

Cercla Sodium Hydroxide-RQ=1000 lbs

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

Proposition 65 No Proposition 65 listed components in this formula

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

16 OTHER INFORMATION

REACH status No RoHS or REACH SVHC are contained in this product.

Disclaimer: 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.