

# Safety Data Sheet

PURE LYE

SDS Revision Date:

12/12/2022



## 1. Identification

### 1.1. Product identifier

**Product Identity**

COMSTAR PURE LYE

**Alternate Names**

30-502, Blended Formula, Pure Lye, Bead Drain Cleaner 99.9%- 400 lb drum

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**For Intended Use**

Safe on fine fixtures, chrome, metal and plastic pipes, septic tanks, and cesspool systems. Perfect for screen drain covers to dissolve grease, hair, & more.

**Application method**

Read all precautions and instructions carefully before and after use.

### 1.3. Details of the supplier of the safety data sheet

**Company Name**

ComStar International Inc.  
20-47 128th Street,  
College Point, NY 11356

**Telephone No.**

718-445-7900  
800-328-0142  
Fax: 718-353-5998

**Emergency 24 HR response No:** 1-800-424-9300 & 703-527-3887 CHEMTREC

Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure, or accident. Please direct all other inquiries to our customer service phone number

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Corrosive to Metals, H290;  
Category 1      May be corrosive to metals.

Skin corrosion/irritation,  
H314      Causes severe skin burns and eye damage.  
Category 1A

Serious eye damage/eye  
irritation, H318      Causes serious eye damage.  
Category 1

Hazardous to the aquatic  
environment-Acute Hazard  
H402      Harmful to aquatic life  
Category 3

Full text of H statements      See section 16

### 2.2. Label elements

Full text of H statements: See section 16

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GHS05

**DANGER**

## Signal word

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H402 Harmful to aquatic life

## [Prevention]:

P260 Do not breathe mist / vapors / spray.

P264 Wash exposed skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear eye protection, face protection, protective clothing, protective gloves.

P301+P330+P331 If swallowed: Rinse mouth. Do not induce vomiting.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+P340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do - continue rinsing.

P310 Immediately call a poison center or doctor / physician.

P363 Wash contaminated clothing before reuse.

## [Storage]:

P405 Store locked up.

P406 Store in corrosive resistant container with a resistant inner liner.

## [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

## 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification: None under normal conditions.

## 2.4. Unknown acute toxicity (GHS US)

Not applicable

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## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

### 3.1. Substances

Substance type: Mono-constituent

| Ingredient/Chemical Designations     | Weight % | GHS Classification   | Notes |
|--------------------------------------|----------|--|-------|
| SODIUM HYDROXIDE<br>CAS #: 1310-73-2 | 99.9%    | Met. Corr. 1, H290<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 3, H402 |       |

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

#### General

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

#### Inhalation

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

#### Eyes

Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not apply neutralizing agents. Take victim to an ophthalmologist. service. If burned surface > 10%: take victim to hospital.

#### Skin

Wipe off dry product from skin. Remove clothing before washing. Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Do not remove clothing if it sticks to the skin. Cover wounds with sterile bandage. Consult a doctor/medical service. If burned surface > 10%: take victim to hospital.

#### Ingestion

Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Call Poison Information Centre ([www.big.be/antigif.htm](http://www.big.be/antigif.htm)). Ingestion of large quantities: immediately to hospital. Take the container/vomit to the doctor/hospital.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Inhalation

When processed: Dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes: On continuous/repeated/exposure/contact: Respiratory difficulties: Following symptoms may appear later: Possible oedema of the upper respiratory tract. Possible laryngeal spasm/oedema. Risk of lung oedema.

#### Eyes

Corrosion of the eye tissue. Permanent eye damage.

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|  |  |
|--|--|
| <b>Skin</b>  | Blisters. Caustic burns/corrosion of the skin. Slow-healing wounds.  |
| <b>Symptoms/effects after ingestion</b>                                | Dry/sore throat. Nausea. Abdominal pain. Blood in vomit. Difficulty in swallowing. Possible esophageal perforation. Burns to the gastric/intestinal mucosa. Bleeding of the gastrointestinal tract. Shock. |
| <b>Chronic symptoms</b>  | On continuous/repeated exposure/contact: Dry skin. Skin rash/inflammation. Possible inflammation of the respiratory tract. Gastrointestinal complaints.  |
| <b>Immediate medical attention and special treatment, if necessary</b> | Obtain medical assistance  |

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Adapt extinguishing media to the environment for surrounding fires.

### 5.2. Special hazards arising from the substance or mixture

#### Fire hazard:

Direct Fire Hazard: Noncombustible: Indirect fire hazard: Reactions involving a fire hazard: see "Reactivity Hazard".

#### Explosion hazard

Indirect Explosion Hazard: Reactions with explosion hazards: see "Reactivity Hazard".

#### Reactivity

May be corrosive to metals. Absorbs the atmospheric CO<sub>2</sub>. Violent to explosive reaction with (some) acids. Reacts violently with many compounds: heat release resulting in increased fire or explosion risk. Violent exothermic reaction with water (moisture): release of corrosive mist. Reacts exothermically on exposure to water (moisture) with combustible materials: risk of spontaneous ignition

### 5.3. Advice for fire-fighters

#### Precautionary measures fire:

Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to fire/heat: have neighborhood close doors and windows.

#### Firefighting instructions:

Cool tanks/drums with water spray/remove them into safety. When cooling/extinguishing: no water in the substance. Take account of toxic fire-fighting water. Use water moderately and if possible, collect or contain it

#### Protection during firefighting

Heat/fire exposure: compressed air/oxygen apparatus.

Wear self-contained breathing apparatus and protective clothing.

ERG Guide No. ---137

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment, and emergency procedures

#### General measures:

Absorb spillage to prevent material damage. Dike and contain spill.

#### For non-emergency personnel

#### Protective equipment

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Gloves. Face-shield. Corrosion-proof suit. Dust cloud production: compressed air/oxygen apparatus. Contact with moisture/water: compressed air/oxygen apparatus. Contact with moisture/water: gas-tight suit.

## Emergency procedures

Mark the danger area. Prevent dust cloud formation. Corrosion-proof appliances. Keep containers closed. Avoid ingress of water in the containers. Wash contaminated clothes. On contact with moisture/water: keep upwind. On contact with moisture/water: consider evacuation. In case of hazardous reactions: keep upwind. In case of reactivity hazard: consider evacuation.

## Measures in case of dust release

In case of dust production: keep upwind. Dust production: have neighborhood close doors and windows.

## For emergency responders

Protective equipment

Equip cleanup crew with proper protection. Do not breathe dust.

Emergency procedures

Stop release

## 6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers.

## 6.3. Methods and material for containment and cleaning up

### For containment

Contain released product, pump into suitable containers. Plug the leak, cut off the supply. Dam up the solid spill. Hazardous reaction: measure explosive gas-air mixture. Reaction: dilute combustible gas/vapour with water curtain.

### Methods for cleaning up

Collect the spill only if it is in a dry state. Wetted substance: cover with powdered limestone or dry sand, earth, vermiculite. Scoop solid spill into closing containers. Under controlled conditions: neutralize leftovers with dilute acid solution. Possible violent reaction if you neutralize. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

## 6.4. Reference to other sections

No additional information available

# 7. Handling and storage

## 7.1. Precautions for safe handling

Avoid raising dust. Avoid contact of substance with water. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Keep the substance free from contamination. Use corrosion proof equipment. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain.

### Hygiene measures

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Wash contaminated clothing before reuse. Separate working clothes from town clothes. Launder separately.

## 7.2. Conditions for safe storage, including any incompatibilities

### Incompatible products:

combustible materials. metals. Strong acids. Strong oxidizers. Protect from moisture.

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## Incompatible materials

incompatible materials. Moisture. Heat sources.

## Storage temperature

20 °C

## Heat and ignition sources

Keep substance away from: heat sources.

## Prohibitions on mixed storage

Keep substance away from: combustible materials. oxidizing agents. (strong) acids. metals. organic materials. water/moisture

## Storage area

Store in a dry area. Keep container in a well-ventilated place. Keep locked up. Unauthorized persons are not admitted. Store at ambient temperature. Keep only in the original container. Meet the legal requirements

## Special rules on packaging

Special Requirements: hermetical. watertight. corrosion-proof. dry. clean. correctly labelled. meet the legal requirements. Secure fragile packaging in solid containers.

## Packaging materials

Suitable Material: stainless steel. nickel. polyethylene. paper. Material To Avoid: lead. aluminum. copper. tin. zinc. bronze. textile.

See section 2 for further details. - [Storage]:

## 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

| CAS No.   | Ingredient       | Source                                   | Value                |
|-----------|------------------|--|----------------------|
| 1310-73-2 | SODIUM HYDROXIDE | OSHA PEL (TWA) (mg/m <sup>3</sup> )      | 2 mg/m <sup>3</sup>  |
|           |                  | ACGIH Ceiling (mg/m <sup>3</sup> )       | 2 mg/m <sup>3</sup>  |
|           |                  | NIOSH REL (ceiling) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup>  |
|           |                  | US IDLH (mg/m <sup>3</sup> )             | 10 mg/m <sup>3</sup> |

### 8.2. Appropriate engineering controls

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

### 8.3. Individual protection measures/Personal protective equipment

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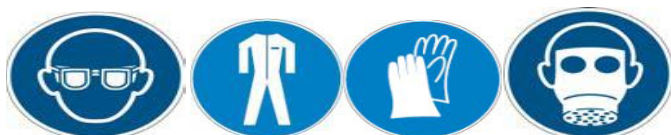
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## Personal protective equipment:

Safety glasses. Protective clothing. Gloves. Dust/aerosol mask with filter type P3.



## Materials for protective clothing:

Give good resistance: natural rubber, neoprene, nitrile rubber. Give less resistance: butyl rubber. polyethylene. PVA. Give poor resistance: natural fibers

### 8.2. Exposure controls

|                                 |   |
|---------------------------------|---|
| <b>Respiratory</b>              | Dust production: dust mask with filter type P3. High dust production: self-contained breathing apparatus. |
| <b>Eyes</b>                     | Face shield. In case of dust production: protective goggles.  |
| <b>Skin and body protection</b> | Corrosion-proof clothing. In case of dust production: head/neck protection.                               |
| <b>Hand protection</b>          | Gloves  |

## 9. Physical and chemical properties

|   |  |
|---|--|
| <b>Physical state</b>                               | Solid  |
| <b>Appearance</b>                                   | Crystalline solid. Crystalline powder. Little spheres. Lumps. Needles. Scales. Flakes.       |
| <b>Color</b>  | White  |
| <b>Odor</b>   | odorless   |
| <b>Odor threshold</b>                               | No data available  |
| <b>pH</b>   | 14 (5 %)   |
| <b>Melting point</b>                                | 323 °C   |
| <b>Freezing point</b>                               | No data available  |
| <b>Boiling point</b>                                | 1388 °C (1013.25 hPa)  |
| <b>Flash Point</b>                                  | Not applicable   |
| <b>Evaporation rate (Ether = 1)</b>                 | No data available  |
| <b>Flammability (solid, gas)</b>                    | No data available  |
| <b>Upper/lower flammability or explosive limits</b> | <b>Lower Explosive Limit:</b> 135C(275F): NA<br><b>Upper Explosive Limit:</b> 199C(390F): NA |
| <b>Vapor pressure</b>                               | < 0.1 hPa (20 °C)  |
| <b>Vapor Density at 20 °C</b>                       | No data available  |

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**Relative density** 2.13 (20 °C)  
**Density** 2130 kg/m<sup>3</sup>  
**Molecular mass** 40 g/mol

**Solubility** Exothermically soluble in water. Soluble in ethanol. Soluble in methanol. Soluble in glycerol.  
Water: 100 g/100ml (25 °C)  
Ethanol: soluble

**Partition coefficient n-octanol/water (Log Kow)** No data available

**Auto-ignition temperature** Not applicable

**Decomposition temperature** No data available

**Viscosity, kinematic** 0.53 mm<sup>2</sup>/s (25 °C, 1 mol/l)

**Viscosity, dynamic** 0.997 mPa.s (25 °C, Test data)

**Explosive limits** No data available

**Explosive properties** Not applicable

**Oxidising properties** None

## 9.2. Other information

|                                 |   |
|---------------------------------|---|
| <b>Minimum ignition energy</b>  | Not applicable  |
| <b>Saturation concentration</b> | 671 g/m <sup>3</sup>                                    |
| <b>VOC content</b>              | Not applicable (inorganic)                              |
| <b>Other properties</b>         | Translucent. Hygroscopic. Substance has basic reaction. |

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

May be corrosive to metals. Absorbs the atmospheric CO<sub>2</sub>. Violent to explosive reaction with (some) acids. Reacts violently with many compounds: heat release resulting in increased fire or explosion risk. Violent exothermic reaction with water (moisture): release of corrosive mist. Reacts exothermically on exposure to water (moisture) with combustible materials: risk of spontaneous ignition.

### 10.2. Chemical stability

Hygroscopic. Unstable on exposure to air.

### 10.3. Possibility of hazardous reactions

Reacts violently with acids. Reacts violently with water.

### 10.4. Conditions to avoid

Moisture. Incompatible materials.

### 10.5. Incompatible materials

Water. Strong oxidizers. Strong acids. metals. combustible materials.

### 10.6. Hazardous decomposition products

Sodium oxide

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## 11. Toxicological information

| Classification                                      | Category | Hazard Description   |
|---|----------|--|
| Likely routes of exposure                           |          | Skin and eyes contact  |
| Acute toxicity (oral)                               | ---      | Not Applicable   |
| Acute toxicity (dermal)                             | ---      | Not Applicable   |
| Acute toxicity (inhalation)                         | ---      | Not Applicable   |
| Skin corrosion/irritation                           | 1A       | Causes severe eye damage<br>pH: 14 (5%)  |
| Serious eye damage/irritation                       | 1        | Causes serious eye damage.<br>pH: 14 (5%)  |
| Respiratory sensitization                           | ---      | Not classified   |
| Skin sensitization                                  | ---      | Not classified   |
| Germ cell mutagenicity                              | ---      | Not classified   |
| Carcinogenicity                                     | ---      | Not classified<br>(Based on available data, the classification criteria are not met)   |
| Reproductive toxicity                               | ---      | Not classified   |
| STOT-single exposure                                | ---      | Not classified   |
| STOT-repeated exposure                              | ---      | Not classified   |
| Aspiration hazard                                   | ---      | Not classified   |
| Potential adverse human health effects and symptoms | ---      | Causes severe skin burns. Causes serious eye damage.   |
| Symptoms/effects after inhalation                   | ---      | When Processed: Dry/sore throat. Coughing, Irritation of the respiratory track. Irritation of the nasal mucous membranes.<br>On continuous/repeated/exposure/contact: Respiratory difficulties. Following symptoms may appear later: Possible oedema of the upper respiratory tract. Possible laryngeal spasm/oedema. Risk of lung oedema. |
| Symptoms/effects after skin contact                 | ---      | Blisters. Caustic burns/corrosion of the skin. Slow-healing wounds.  |
| Symptoms/effects after eye contact                  | ---      | Corrosion of the eye tissue. Permanent eye damage.   |
| Symptoms/effects after ingestion                    | ---      | Dry/sore throat. Nausea. Abdominal pain. Blood in vomit. Difficulty in swallowing. Possible esophageal perforation. Burns to the gastric/intestinal mucosa. Bleeding of the gastrointestinal tract. Shock  |

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|                  |     |   |
|------------------|-----|---|
| Chronic symptoms | --- | On continuous/repeated/exposure/contact: Respiratory difficulties: Dry skin. Skin rash/inflammation. Possible inflammation of the respiratory tract. Gastrointestinal complaints. |
|------------------|-----|---|

## 12. Ecological information

### 12.1. Toxicity

#### Ecology - general

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

#### Ecology - air

Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014). Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).

#### Ecology - water

Harmful to crustacea. Harmful to fishes. Groundwater pollutant. pH shift.

#### Sodium Hydroxide

|                |  |  |  |
|----------------|--|--|--|
| LC50 fish 1    | 45.4 mg/l (Other, 96 h, Salmo gairdneri, Static system, Fresh water, Experimental value) |  |  |
| EC50 Daphnia 1 | 40.4 mg/l (Other, 48 h, Ceriodaphnia sp., Experimental value)                            |  |  |

### 12.2. Persistence and degradability

Biodegradability: not applicable

#### Biochemical oxygen demand (BOD)

Not applicable (inorganic)

#### Chemical oxygen demand (COD)

Not applicable (inorganic)

#### ThOD

Not applicable (inorganic)

### 12.3. Bioaccumulative potential

Not bioaccumulative

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

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Do not discharge into drains or the environment. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed with other waste. Different types of hazardous waste shall not be mixed if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Should not be landfilled with household waste. Recycle/reuse. Dilute. Neutralize.

## Additional information

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

## 14. Transport information

NOTE: Containers holding less than 1 kilo (2.2 lbs.) are shipped as non-hazardous LTD QTY. Below data is for containers holding greater than 2.2 lbs.

|   | <b>DOT (Domestic Surface Transportation)</b>   | <b>IMO / IMDG (Ocean Transportation)</b>  | <b>ICAO/IATA</b>  |
|---|--|---|---|
| <b>14.1. UN number</b>                    | UN 1823  | UN 1823   | UN 1823   |
| <b>14.2. UN proper shipping name</b>      | UN 1823, Sodium Hydroxide, Solid, 8<br>limited quantity (each not exceeding 2.2 lbs capacity). | UN 1823, Sodium Hydroxide, Solid 8<br>limited quantity (each not exceeding 2.2 lbs capacity). | UN 1823, Sodium Hydroxide, Solid 8<br>limited quantity (each not exceeding 2.2 lbs capacity). |
| <b>14.3. Transport hazard class(es)</b>   | <b>DOT Hazard Class: 8</b>   | <b>IMDG: 8</b><br><b>Sub Class: Not Applicable</b>  | <b>Air Class: 8</b>   |
| <b>14.4. Packing group</b>                | II-Medium danger   | II  | II  |
| <b>14.5. Hazard label 8- corrosive</b>    |  |   |   |
| <b>IMDG</b>                               | Marine Pollutant: No   |   |   |
| <b>14.6. Special precautions for user</b> | No further information   |   |   |



**Corrosive 8**

DOT Packaging Non-Bulk (49 CFR 173.xxx) 212

DOT Packaging Bulk (49 CFR 173.xxx) 240

DOT Special Provisions (49 CFR 172.102)

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IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2). IP2 -When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle. IP4 - Flexible, fiberboard or wooden IBCs must be sift-proof and water-resistant or be fitted with a sift-proof and water-resistant liner. T3 - 2.65 178.274(d)(2) Normal..... 178.275(d)(2)

TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

DOT Packaging Exceptions (49 CFR 173.xxx) 154

DOT Quantity Limitations Passenger aircraft/rai 15 kg

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) 50 kg

DOT Vessel Stowage Location A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other 52 - Stow "separated from" acids

Other information No supplementary information available.

## 15. Regulatory information

### 15.1. US Federal regulations

| <b>Sodium Hydroxide (1310-73-2)</b>   |                                 |
|---|---------------------------------|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313 |                                 |
| RQ (Reportable quantity, section 304 of EPA's List of Lists)  | 1000lb                          |
| SARA Section 311/312 Hazard Classes   | Immediate (acute) health hazard |

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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## 15.2. International regulations

### CANADA

Sodium Hydroxide (1310-73-2)

Listed on the Canadian DSL (Domestic Substances List)

### EU-Regulations

No additional information available

### National regulations

No additional information available

## 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H290 Corrosion to metal

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

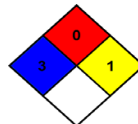
H402 Harmful to aquatic life.

**NFPA health hazard**  
**NFPA fire hazard**  
**NFPA reactivity**

3 - Materials that, under emergency conditions, can cause serious or permanent injury.

0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.



**Hazard Rating Health**

3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

**Flammability**

0 Minimal Hazard - Materials that will not burn

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**Physical**

1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

**Personal protection**

H - Splash goggles, Gloves, Synthetic apron, Vapor respirator

The opinions expressed are those of qualified experts within ComStar International Inc. We believe that the information contained is current as of the date of the Safety Data Sheet.

Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of ComStar International Inc., it is the user's obligation to determine the conditions of safe use of the product.

End of Document