



## Safety Data Sheet

### 1. IDENTIFICATION

#### **Product Identifier**

Acid Spill Absorber and Neutralizer

#### **Other means of identification**

SODIUM HYDROXIDE

#### **Product Code**

510130

#### **Recommended use of the chemical and restrictions on use**

Recommended for commercial/industrial use

Not recommended for household use

#### **Details of the supplier of the safety data sheet**

Quick Cable Corporation  
3700 Quick Drive  
Franksville, WI 53126-0509  
[www.quickcable.com](http://www.quickcable.com)

#### **Emergency Telephone Number (24 hr)**

INFOTRAC                      1-352-323-3500 (International)  
   1-800-535-5053 (North America)

---

## 2. HAZARDS IDENTIFICATION

### GHS Ratings:

Skin corrosive	1A	Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity $\geq 3$ , Iritis > 1.5

### GHS Hazards

H313	May be harmful in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

### GHS Precautions

P260	Do not breathe dust/fume/gas/mist/vapors/spray
P264	Wash hands thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician
P321	Specific treatment (see Section 4 of the SDS or the First Aid section of the label)
P363	Wash contaminated clothing before reuse
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353	IF ON SKIN (or hair): Remove/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
P405	Store locked up
P501	Dispose of contents/container to appropriate waste site or reclaimer in accordance with local and national regulations

### Signal Word: Danger



---

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Sodium Hydroxide	1310-73-2	30.00%

### 4. FIRST-AID MEASURES

**Inhalation:**

Remove from further exposure. For those providing assistance, avoid exposure to yourself. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, a trained individual should attempt to resuscitate while getting immediate medical aid.

**Eye Contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.

**Skin Contact:**

In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

**Ingestion:**

If conscious, give 2 to 3 glasses of water. Do not induce vomiting and seek medical attention immediately.

**Notes to Physician:**

No data found.

---

## 5. FIRE-FIGHTING MEASURES

Flash Point: N/A

LEL:

UEL:

### Flammable Limits:

Flash Point: No data available.

### Extinguishing Media:

Use extinguishing agent suitable for type of surrounding fire.

### Unusual Fire or Explosion Hazards:

No data available.

### Hazardous Combustion Products:

See Section 10 for a list of hazardous decomposition products for this mixture.

### Fire Fighting:

If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

### Fire Fighting:

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk, stay upwind, and avoid run off to waterways and sewers.

**SMALL SPILLS:** Prevent entry into waterways, sewers, basements or confined areas. Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal.

**LARGE SPILLS:** Prevent entry into waterways, sewers, basements or confined areas. Dike to collect large liquid spills, collect leaking liquid in sealable compatible containers.

**BASE SPILLS:** Neutralize with Citric Acid, or Dilute Acetic Acid. Cautiously neutralize remainder. Then wash away with plenty of water.

---

## 7. HANDLING AND STORAGE

### Handling Precautions:

Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containment closed when not in use. Do not handle or store material near heat, sparks, or open flames, or other sources of ignition.

### Storage:

Prevent from freezing. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C)

### Regulatory Requirements:

No data found

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium Hydroxide 1310-73-2	2 mg/m3 TWA	2 mg/m3 Ceiling	NIOSH: 2 mg/m3 Ceiling

### Engineering controls:

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

### Ventilation Control:

Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

### Administrative controls:

No data found.

### Personal Protection:

As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

### Eye Protection:

Normal industrial eye protection practices should be employed.

### Skin Protection:

In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

### Respiratory:

If airborne concentration limits are not met, an approved respirator must be worn.

### Contaminated Equipment:

Dispose of the waste in compliance with federal, state, regional, and local regulations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>pH:</b> Strong Base >12 <b>Partition coefficient (n- octanol/water):</b> Not Determined <b>Decomposition temperature:</b> Not Determined <b>Density:</b> 1.32 <b>Freezing point:</b> Not Determined <b>Boiling range:</b> 100°C <b>Evaporation rate:</b> Not Determined <b>Appearance:</b> Clear Colorless Liquid <b>Physical State:</b> Liquid <b>Odor threshold:</b> Not Determined	<b>Explosive Limits:</b> N/A <b>Autoignition temperature:</b> N/A <b>Viscosity:</b> Not Determined <b>Melting point:</b> Not Determined <b>Solubility:</b> Complete <b>Flash point:</b> 999°C, 999°F <b>Flammability:</b> Not Determined <b>Odor:</b> Odorless <b>Vapor Pressure:</b> Not Determined <b>Vapor Density:</b> Not Determined
---	--

## 10. STABILITY AND REACTIVITY

**Stability:**

STABLE

**Incompatibilities:**

Avoid contact with strong acids.

**Hazardous Decomposition Products:**

Note: these are all possible decomposition products based on molecular structure of components.

Oxides of Sodium

Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Mixture Toxicity:**

Dermal Toxicity LD50: 4,500mg/kg

**Component Toxicity:**

1310-73-2 Sodium Hydroxide

Dermal LD50: 1,350 mg/kg (Rabbit)

**Routes of entry:**

No data found.

**Target Organs:**

Eyes                      Skin                      Respiratory System

**Effects of Overexposure:**

Causes severe skin burns and eye damage

CAS Number	Description	% Weight	Carcinogen Rating
None			No data found

---

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

No data available for this product.

**Component Ecotoxicity:**

Sodium Hydroxide      96 Hr LC50 Oncorhynchus mykiss: 45.4 mg/L [static]

## 13. DISPOSAL CONSIDERATIONS

**Disposal Instructions:**

Refer to the latest federal, state, and local regulations regarding proper disposal.

## 14. TRANSPORT INFORMATION

The following is for US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
US DOT	Sodium Hydroxide, Solution	UN1824	II	8

---

## 15. REGULATORY INFORMATION

This listing is to highlight federal level regulation of the product. Individual states, and other nations may have further regulations not listed below.

**US DOT List of Marine Pollutants (172.101 - Appendix B)**

- None

**US DOT List of Hazardous Substances and Reportable Quantities (172.101 Appendix A)**

1310-73-2 Sodium Hydroxide 30 %

**US DOT List of Severe Marine Pollutants (172.101 - Appendix B)**

- None

**SARA Section 302 Extremely Hazardous Substances (40 CFR 355):**

- None

**Sara Section 302 Threshold Planning Quantity.**

- None

**SARA Section 313, Toxic Chemicals (40 CFR 372.65):**

- None

**SARA Reportable Quantity.**

1310-73-2 Sodium Hydroxide 30 %

**Country**

**Regulation**

**All Components Listed**

**Toxic Substances Control Act (TSCA):**

All components are listed or exempt from the Toxic Substances Control Act except those listed below.

- None

**Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA):**

This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.



## 16. OTHER INFORMATION

### Hazardous Material Information System (HMIS)

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	D

#### HMIS & NFPA Hazard Rating

##### Legend

\* = Chronic Health Hazard

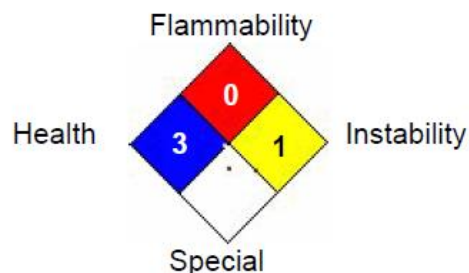
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

### National Fire Protection Association (NFPA)



The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Quick Cable will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information contained herein.

Issue Date: 09/24/2018

Revision Date: 01/31/2024

Revision Note: New format

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.