



# SAFETY DATA SHEET

Issue Date 08-Mar-2023

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** CD-Foam

### Other means of identification

**Product Code** NL684

**Synonyms** None

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

**Company Name** Nyco Products Company  
5332 Dansher Road,  
Countryside, IL 60525  
(708) 579-8100  
nycoproducts.com

### Emergency telephone number

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 1 |
| Serious eye damage/eye irritation | Category 1 |

### Label elements

#### Emergency Overview

# Danger

#### **Hazard statements**

Causes severe skin burns and eye damage



**Appearance** Clear Light Yellow

**Physical state** Liquid

**Odor** Chlorine

#### **Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Specific Treatment (See Section 4 on the SDS)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Drink plenty of water

Immediately call a POISON CENTER or doctor/physician

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Disposal should be in accordance with applicable regional, national and local laws and regulations

**Hazards not otherwise classified (HNOC)****Other Information**

- Very toxic to aquatic life with long lasting effects
- Very toxic to aquatic life

Unknown Acute Toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name       | CAS No.   | Weight-% | Trade Secret |
|---------------------|-----------|----------|--------------|
| Potassium Hydroxide | 1310-58-3 | 1-5      | *            |
| Sodium Hypochlorite | 7681-52-9 | .1-1     | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**First aid measures****General advice**

Immediate medical attention is required.

**Skin Contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. For minor skin contact, avoid spreading material on unaffected skin. For severe burns, immediate medical attention is required.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

**Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician or poison control center immediately.

**Ingestion**

Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

**Self-protection of the first aider**

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

**Most important symptoms and effects, both acute and delayed****Symptoms**

Any additional important symptoms and effects are described in Section 11: Toxicology Information.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid contact with skin, eyes or clothing. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment as required.

**Environmental precautions****Environmental precautions**

Do not allow into any storm sewer drains, lakes, streams, ponds, estuaries, oceans or other surface water bodies. Should not be released into the environment. Dispose of according to all local city, state and federal rules and regulations.

**Methods and material for containment and cleaning up****Methods for containment**

Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**

Dike far ahead of liquid spill for later disposal. Dam up. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Prevent product from entering drains. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling**

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**Incompatible materials** Strong acids. Aluminum. Strong reducing agents. Incompatible with strong acids and bases. Incompatible with oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure Guidelines**

| Chemical Name                    | ACGIH TLV                    | OSHA PEL   | NIOSH IDLH   |
|----------------------------------|------------------------------|--|--|
| Potassium Hydroxide<br>1310-58-3 | Ceiling: 2 mg/m <sup>3</sup> | (vacated) Ceiling: 2 mg/m <sup>3</sup>                             | Ceiling: 2 mg/m <sup>3</sup>                               |
| Sodium Hydroxide<br>1310-73-2    | Ceiling: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup><br>(vacated) Ceiling: 2 mg/m <sup>3</sup> | IDLH: 10 mg/m <sup>3</sup><br>Ceiling: 2 mg/m <sup>3</sup> |

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

**Engineering Controls** Showers, Eyewash stations & Ventilation systems.

### Individual protection measures, such as personal protective equipment

- Eye/face protection** Tight sealing safety goggles. Wear a face shield if splashing hazard exists.
- Skin and body protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear protective gloves and protective clothing.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state** Liquid  
**Appearance** Clear Light Yellow  
**Color** Light Yellow  
**Odor** Chlorine  
**Odor threshold** No Information available

| <u>Property</u>               | <u>Values</u>            | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH                            | 13.0 - 14.0              |                         |
| Specific Gravity              | 1.08                     |                         |
| Viscosity                     | < 25 cP @ 25°C           |                         |
| Melting point/freezing point  | No Information available |                         |
| Flash point                   | None                     |                         |
| Boiling point / boiling range | 99 °C / 210 ° F Degrees  |                         |
| Evaporation rate              | No Information available |                         |
| Flammability (solid, gas)     | No data available        |                         |
| Flammability Limits in Air    |                          |                         |
| Upper flammability limit:     | No Information available |                         |
| Lower flammability limit:     | No Information available |                         |
| Vapor pressure                | No Information available |                         |

|                                  |                          |
|----------------------------------|--------------------------|
| <b>Vapor density</b>             | No Information available |
| <b>Water solubility</b>          | Complete                 |
| <b>Partition coefficient</b>     | No Information available |
| <b>Autoignition temperature</b>  | No Information available |
| <b>Decomposition temperature</b> | No Information available |

**Other Information**

|                        |                |
|------------------------|----------------|
| <b>Density Lbs/Gal</b> | 9.00           |
| <b>VOC Content (%)</b> | Not Applicable |

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight. Exposure to air or moisture over prolonged periods.

**Incompatible materials**

Strong acids. Aluminum. Strong reducing agents. Incompatible with strong acids and bases. Incompatible with oxidizing agents.

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

|                            |   |
|----------------------------|---|
| <b>Product Information</b> | The primary effects and toxicity of this material are due to it corrosive nature.   |
| <b>Inhalation</b>          | Avoid breathing vapors or mists. Inhalation of vapors in high concentration may cause severe irritation or burns to the respiratory tract. May cause sensitization by inhalation. |
| <b>Eye contact</b>         | Avoid contact with eyes. Corrosive. Causes severe eye damage.   |
| <b>Skin Contact</b>        | Avoid contact with skin. Corrosive. Contact with skin may cause severe irritation and burns. May cause sensitization by skin contact.   |
| <b>Ingestion</b>           | Do not taste or swallow. Ingestion causes acute irritation and burns to the mucous membranes of the mouth, trachea, esophagus and stomach.  |

| Chemical Name                    | Oral LD50            | Dermal LD50              | Inhalation LC50         |
|----------------------------------|----------------------|--------------------------|-------------------------|
| Potassium Hydroxide<br>1310-58-3 | = 284 mg/kg ( Rat )  | -                        | -                       |
| Sodium Hypochlorite<br>7681-52-9 | = 8200 mg/kg ( Rat ) | > 20000 mg/kg ( Rabbit ) | > 10.5 mg/L ( Rat ) 1 h |

**Information on toxicological effects**

**Symptoms** No Information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Corrosivity** Causes burns. Extremely corrosive and destructive to tissue. Risk of serious damage to eyes.

**Sensitization** May cause sensitization by inhalation and skin contact.

**Germ cell mutagenicity** No Information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                    | ACGIH | IARC    | NTP | OSHA |
|----------------------------------|-------|---------|-----|------|
| Sodium Hypochlorite<br>7681-52-9 | -     | Group 3 | -   | -    |

IARC (International Agency for Research on Cancer)  
 Group 3 -Not classifiable as a human carcinogen

**Reproductive toxicity** No Information available.  
**STOT - single exposure** No Information available.  
**STOT - repeated exposure** No Information available.  
**Chronic toxicity** Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of irreversible effects.  
**Target organ effects** EYES, Respiratory system, Skin.  
**Aspiration hazard** No Information available.

#### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 8,134.60  
**ATEmix (dermal)** 29,014.50

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name                    | Algae/aquatic plants                          | Fish   | Crustacea   |
|----------------------------------|---|--|---|
| Sodium Hypochlorite<br>7681-52-9 | 0.095: 24 h Skeletonema costatum<br>mg/L EC50 | 4.5 - 7.6: 96 h Pimephales promelas<br>mg/L LC50 static<br>0.05 - 0.771: 96 h Oncorhynchus<br>mykiss mg/L LC50 flow-through<br>0.28 - 1: 96 h Lepomis macrochirus<br>mg/L LC50 flow-through<br>0.03 - 0.19: 96 h Oncorhynchus<br>mykiss mg/L LC50 semi-static<br>0.06 - 0.11: 96 h Pimephales<br>promelas mg/L LC50 flow-through<br>0.18 - 0.22: 96 h Oncorhynchus<br>mykiss mg/L LC50 static<br>0.4 - 0.8: 96 h Lepomis macrochirus<br>mg/L LC50 static | 0.033 - 0.044: 48 h Daphnia magna<br>mg/L EC50 Static<br>2.1: 96 h Daphnia magna mg/L<br>EC50 |
| Sodium Sulfate<br>7757-82-6      | -   | 3040 - 4380: 96 h Lepomis<br>macrochirus mg/L LC50 static<br>13500: 96 h Lepomis macrochirus<br>mg/L LC50<br>13500 - 14500: 96 h Pimephales<br>promelas mg/L LC50<br>6800: 96 h Pimephales promelas<br>mg/L LC50 static  | 2564: 48 h Daphnia magna mg/L<br>EC50<br>630: 96 h Daphnia magna mg/L<br>EC50                 |
| Sodium Hydroxide<br>1310-73-2    | -   | 45.4: 96 h Oncorhynchus mykiss<br>mg/L LC50 static   | -   |

### Persistence and degradability

No Information available.

### Bioaccumulation

Bioaccumulative potential.

| Chemical Name                    | Partition coefficient |
|----------------------------------|-----------------------|
| Potassium Hydroxide<br>1310-58-3 | 0.65<br>0.83          |

**Other adverse effects** No Information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                    | California Hazardous Waste Status |
|----------------------------------|-----------------------------------|
| Potassium Hydroxide<br>1310-58-3 | Toxic<br>Corrosive                |

### 14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

#### DOT

**UN/ID No.** UN1760  
**Proper shipping name** Corrosive liquids, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**Special Provisions** B2, IB2, T11, TP2, TP27  
**Description** UN1760, Corrosive liquids, n.o.s. (contains Potassium Hydroxide and Sodium Hypochlorite), 8, II  
**Emergency Response Guide Number** 154

#### TDG

**UN/ID No.** UN1760  
**Proper shipping name** Corrosive liquids, n.o.s.  
**Hazard Class** 8  
**Packing Group** II  
**Description** UN1760, Corrosive liquids, n.o.s. (contains Potassium Hydroxide and Sodium Hypochlorite), 8, II

### 15. REGULATORY INFORMATION

#### International Inventories

**TSCA** Complies  
**DSL/NDSL** Complies

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### **SARA 311/312 Hazard Categories**

**Acute health hazard** Yes

|  |     |
|--|-----|
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name                    | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|----------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Potassium Hydroxide<br>1310-58-3 | 1000 lb                     | -                      | -                         | X                          |
| Sodium Hypochlorite<br>7681-52-9 | 100 lb                      | -                      | -                         | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name                    | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|----------------------------------|--------------------------|----------------|---|
| Potassium Hydroxide<br>1310-58-3 | 1000 lb                  | -              | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |
| Sodium Hypochlorite<br>7681-52-9 | 100 lb                   | -              | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |

**US State Regulations**

**California Proposition 65**

This product has been evaluated and does not require warning labeling under California Proposition 65.

**U.S. State Right-to-Know Regulations**

| Chemical Name                    | New Jersey | Massachusetts | Pennsylvania |
|----------------------------------|------------|---------------|--------------|
| Potassium Hydroxide<br>1310-58-3 | X          | X             | X            |
| Sodium Hypochlorite<br>7681-52-9 | X          | X             | X            |
| Sodium Sulfate<br>7757-82-6      | -          | X             | X            |
| Sodium Hydroxide<br>1310-73-2    | X          | X             | X            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**16. OTHER INFORMATION**

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 3 | Flammability 0 | Instability 0      | Physical and Chemical Properties - |
| <b>HMIS</b> | Health hazards 3 | Flammability 0 | Physical hazards 0 | Personal protection D              |

**Issue Date** 08-Mar-2023  
**Revision Date** 08-Mar-2023

**Revision Note**  
 No Information available

**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.

**End of Safety Data Sheet**