



# SAFETY DATA SHEET

Issue Date 14-Mar-2016

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Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** N950 Bulk

### Other means of identification

**Product Code** N950

**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)

|                           |                |
|---------------------------|----------------|
| Acute toxicity - Oral     | Not classified |
| Acute toxicity - Dermal   | Not classified |
| Skin corrosion/irritation | Category 3     |

### Label elements

#### Emergency Overview

## Warning

#### **Hazard statements**

Causes mild skin irritation

**Appearance** Clear

**Physical state** Liquid

**Odor** Sassafras

#### **Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

Specific Treatment (See Section 4 on the SDS)

If skin irritation occurs: Get medical advice/attention

#### **Hazards not otherwise classified (HNOC)**

#### **Other Information**

- Harmful to aquatic life with long lasting effects

• Harmful to aquatic life  
Unknown Acute Toxicity

0.01688% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name       | CAS No.     | Weight-% | Trade Secret |
|---------------------|-------------|----------|--------------|
| Surfactant Blend    | Proprietary | 1-5      | *            |
| 1-Butoxy-2-Propanol | 5131-66-8   | 1-5      | *            |

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

### 4. FIRST AID MEASURES

#### First aid measures

|                     |  |
|---------------------|--|
| <b>Skin Contact</b> | Wash off immediately with plenty of water. Wash skin with soap and water.  |
| <b>Eye contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water.   |

#### 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** 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

No Information available.

#### 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** Ensure adequate ventilation, especially in confined areas.

#### Environmental precautions

**Environmental precautions** See Section 12 for additional ecological information.

#### 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** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name                             | ACGIH TLV                           | OSHA PEL   | NIOSH IDLH  |
|---|-------------------------------------|--|---|
| 2-(2-methoxypropoxy)propano<br>34590-94-8 | STEL: 150 ppm<br>TWA: 100 ppm<br>S* | TWA: 100 ppm<br>TWA: 600 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 600 mg/m <sup>3</sup><br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 900 mg/m <sup>3</sup><br>(vacated) S*<br>S* | IDLH: 600 ppm<br>TWA: 100 ppm<br>TWA: 600 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 900 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** Wear safety glasses with side shields (or goggles).

**Skin and body protection** 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** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state** Liquid  
**Appearance** Clear  
**Color** Green  
**Odor** Sassafras  
**Odor threshold** No Information available

| <u>Property</u>               | <u>Values</u>            | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH                            | 9.0 - 10.5               |                         |
| Specific Gravity              | 1.01                     |                         |
| Viscosity                     | <25 cP @ 25°C            |                         |
| Melting point/freezing point  | No Information available |                         |
| Flash point                   | None                     |                         |
| Boiling point / boiling range | 100 °C / 212 ° 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 |                         |
| Vapor density                 | No Information available |                         |
| Water solubility              | Complete                 |                         |
| Partition coefficient         | No Information available |                         |
| Autoignition temperature      | No Information available |                         |
| Decomposition temperature     | No Information available |                         |

**Other Information**

|                 |      |
|-----------------|------|
| Density Lbs/Gal | 8.41 |
| VOC Content (%) | 3.5  |

**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.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |  |
|----------------------------|--|
| <b>Product Information</b> | Harmful by inhalation, ingestion, in contact with eyes and skin.     |
| <b>Inhalation</b>          | May cause irritation of respiratory tract.                           |
| <b>Eye contact</b>         | Avoid contact with eyes. May cause irritation.                       |
| <b>Skin Contact</b>        | Prolonged or repeated contact may dry skin and cause irritation.     |
| <b>Ingestion</b>           | May be harmful if swallowed. May cause gastro intestinal irritation. |

| <b>Chemical Name</b>             | <b>Oral LD50</b>                             | <b>Dermal LD50</b>      | <b>Inhalation LC50</b> |
|----------------------------------|--|-------------------------|------------------------|
| Surfactant Blend                 | > 2000 mg/kg ( Rat )                         | > 2000 mg/kg ( Rat )    | -                      |
| 1-Butoxy-2-Propanol<br>5131-66-8 | = 1900 mg/kg ( Rat ) = 5660 µL/kg<br>( Rat ) | = 3100 mg/kg ( Rabbit ) | -                      |

**Information on toxicological effects**

**Symptoms** No Information available.

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

**Sensitization** No Information available.  
**Germ cell mutagenicity** No Information available.  
**Carcinogenicity** No Information available.  
**Reproductive toxicity** No Information available.  
**STOT - single exposure** No Information available.  
**STOT - repeated exposure** No Information available.  
**Target organ effects** Central nervous system, EYES, Respiratory system.  
**Aspiration hazard** No Information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.01688% 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)** 62,848.00  
**ATEmix (dermal)** 50,032.00

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

1.76688% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name                          | Algae/aquatic plants                          | Fish  | Crustacea                                |
|--|---|---|--|
| Surfactant Blend                       | -   | 1.2: 96 h Oncorhynchus mykiss mg/L LC50   | 5.3: 48 h Daphnia mg/L LC50              |
| 2-(2-methoxypropoxy)propano 34590-94-8 | -   | 10000: 96 h Pimephales promelas mg/L LC50 static  | 1919: 48 h Daphnia magna mg/L LC50       |
| Tetrasodium EDTA 64-02-8               | 1.01: 72 h Desmodesmus subspicatus mg/L EC50  | 59.8: 96 h Pimephales promelas mg/L LC50 static 41: 96 h Lepomis macrochirus mg/L LC50 static   | 610: 24 h Daphnia magna mg/L EC50        |
| Trisodium nitrilotriacetate 5064-31-3  | 560 - 1000: 96 h Chlorella vulgaris mg/L EC50 | 72 - 133: 96 h Oncorhynchus mykiss mg/L LC50 static 175 - 225: 96 h Lepomis macrochirus mg/L LC50 static 252: 96 h Lepomis macrochirus mg/L LC50 470: 96 h Pimephales promelas mg/L LC50 static 93 - 170: 96 h Pimephales promelas mg/L LC50 flow-through 560 - 1000: 96 h Poecilia reticulata mg/L LC50 semi-static 560 - 1000: 96 h Poecilia reticulata mg/L LC50 114: 96 h Pimephales promelas mg/L LC50 560 - 1000: 96 h Oryzias latipes mg/L LC50 560 - 1000: 96 h Oryzias latipes mg/L LC50 semi-static | 560 - 1000: 48 h Daphnia magna mg/L LC50 |
| Sodium Hydroxide 1310-73-2             | -   | 45.4: 96 h Oncorhynchus mykiss mg/L LC50 static   | -  |

**Persistence and degradability**

No Information available.

**Bioaccumulation**

Bioaccumulative potential.

**Other adverse effects**

No Information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated packaging</b> | Do not reuse container.   |

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

#### 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.

|            |               |
|------------|---------------|
| <b>DOT</b> | Not regulated |
| <b>TDG</b> | Not regulated |

#### 15. REGULATORY INFORMATION

##### International Inventories

|                 |          |
|-----------------|----------|
| <b>TSCA</b>     | Complies |
| <b>DSL/NDSL</b> | 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 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

| Chemical Name                            | SARA 313 - Threshold Values % |
|--|-------------------------------|
| 2-(2-methoxypropoxy)propano - 34590-94-8 | 1.0                           |

##### SARA 311/312 Hazard Categories

|  |    |
|--|----|
| <b>Acute health hazard</b>               | No |
| <b>Chronic Health Hazard</b>             | No |
| <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)

##### 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)

##### US State Regulations

##### **California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical Name                           | California Proposition 65 |
|---|---------------------------|
| Trisodium nitrilotriacetate - 5064-31-3 | Carcinogen                |

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

| Chemical Name                             | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| 2-(2-methoxypropoxy)propano<br>34590-94-8 | X          | X             | X            |
| Trisodium nitrilotriacetate<br>5064-31-3  | -          | 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 0 | Flammability 0 | Instability 0      | <b>Physical and Chemical Properties</b> Yes |
| <b>HMIS</b> | Health hazards 0 | Flammability 0 | Physical hazards 0 | <b>Personal protection</b> B                |

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**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