



# SAFETY DATA SHEET

Issue Date 22-Mar-2019

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** UNO

### Other means of identification

**Product Code** EZ018-480

**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             | Category 4 |
| Acute toxicity - Dermal           | Category 4 |
| Skin corrosion/irritation         | Category 2 |
| Serious eye damage/eye irritation | Category 1 |

### Label elements

#### Emergency Overview

# Danger

#### **Hazard statements**

Harmful if swallowed  
Harmful in contact with skin  
Causes skin irritation  
Causes serious eye damage



**Appearance** Clear Yellow**Physical state** Liquid**Odor** Lemon**Precautionary Statements - Prevention**

Do not get in eyes, on skin, or on clothing  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 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: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting  
 Drink plenty of water  
 Immediately call a POISON CENTER or doctor/physician

**Precautionary Statements - Disposal**

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

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

- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life

Unknown Acute Toxicity

2.30275% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                 | CAS No.     | Weight-% | Trade Secret |
|---|-------------|----------|--------------|
| Nonylphenol Polyethylene Glycol Ether         | 127087-87-0 | 1-5      | *            |
| Sodium Carbonate                              | 497-19-8    | 1-5      | *            |
| Alkyl dimethyl ethyl benzyl ammonium chloride | 68956-79-6  | 1-5      | *            |
| Alkyl dimethyl benzyl ammonium chloride       | 68391-01-5  | 1-5      | *            |

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

### 4. FIRST AID MEASURES

**First aid measures**

|                       |  |
|-----------------------|--|
| <b>General advice</b> | Have the product container or label with you when calling a poison control center or doctor, or going for treatment. |
| <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** Probable mucosal damage may contraindicate the use of gastric lavage.

## 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** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to the discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State water board or Regional office of the EPA.

**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** Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**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     |
|---------------|----------------|---------------|----------------|
| Ethanol       | STEL: 1000 ppm | TWA: 1000 ppm | IDLH: 3300 ppm |

|                               |                              |   |  |
|-------------------------------|------------------------------|---|--|
| 64-17-5                       |                              | TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | TWA: 1000 ppm<br>TWA: 1900 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). 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.
- 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** Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Take off all contaminated clothing and wash it before reuse. Wash face, hands and any exposed skin thoroughly after handling. 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 Yellow  
**Color** Yellow  
**Odor** Lemon  
**Odor threshold** No Information available

| <u>Property</u>               | <u>Values</u>            | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH                            | 10.0 - 12.0              |                         |
| Specific Gravity              | 1.04                     |                         |
| Viscosity                     | < 25 cP @ 25°C           |                         |
| Melting point/freezing point  | No Information available |                         |
| Flash point                   | Above 200°F              |                         |
| Boiling point / boiling range | 100 °C / 212 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 8.70  
 VOC Content (%) 0.5625

## 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

#### Product Information

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Avoid breathing vapors or mists. Inhalation of vapors in high concentration may cause severe irritation or burns to the respiratory tract. |
| <b>Eye contact</b>  | Avoid contact with eyes. Corrosive. Causes serious eye damage.   |
| <b>Skin Contact</b> | Avoid contact with skin. Causes skin irritation.   |
| <b>Ingestion</b>    | Harmful if swallowed. 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                      |
|---|---|--|--------------------------------------|
| Nonylphenol Polyethylene Glycol Ether<br>127087-87-0  | = 1310 mg/kg ( Rat ) = 2590 mg/kg ( Rat ) | = 2 mL/kg ( Rabbit ) = 1780 µL/kg ( Rabbit ) | -                                    |
| Sodium Carbonate<br>497-19-8                          | = 4090 mg/kg ( Rat )                      | -  | = 2300 mg/m <sup>3</sup> ( Rat ) 2 h |
| Alkyl dimethyl benzyl ammonium chloride<br>68391-01-5 | = 500 mg/kg ( Rat )                       | > 2000 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** The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

*ACGIH (American Conference of Governmental Industrial Hygienists)*  
*A3 - Animal Carcinogen*  
*IARC (International Agency for Research on Cancer)*  
*Group 1 - Carcinogenic to Humans*  
*NTP (National Toxicology Program)*

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Reproductive toxicity**

No Information available.

**STOT - single exposure**

No Information available.

**STOT - repeated exposure**

No Information available.

**Chronic toxicity**

Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

**Aspiration hazard**

No Information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity**

2.30275% 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)** 14,345.00

**ATEmix (dermal)** 27,317.00

**ATEmix (inhalation-dust/mist)** 38.33

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

2.30275% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name   | Algae/aquatic plants                          | Fish  | Crustacea   |
|---|---|---|---|
| Nonylphenol Polyethylene Glycol Ether<br>127087-87-0  | -   | 5:96 h Fish mg/L LC50   | -   |
| Sodium Carbonate<br>497-19-8                          | 242: 120 h Nitzschia mg/L EC50                | 300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static  | 265: 48 h Daphnia magna mg/L EC50   |
| Alkyl dimethyl benzyl ammonium chloride<br>68391-01-5 | -   | 1.3: 96 h Poecilia reticulata mg/L LC50 semi-static 0.823 - 1.61: 96 h Oncorhynchus mykiss mg/L LC50 static 2.4: 96 h Oryzias latipes mg/L LC50 semi-static 0.223 - 0.46: 96 h Lepomis macrochirus mg/L LC50 static   | -   |
| Tetrasodium EDTA<br>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   |
| Ethanol<br>64-17-5                                    | -   | 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through  | 9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static |
| Trisodium nitrilotriacetate<br>5064-31-3              | 560 - 1000: 96 h Chlorella vulgaris mg/L EC50 | 93 - 170: 96 h Pimephales promelas mg/L LC50 flow-through 252: 96 h Lepomis macrochirus mg/L LC50 560 - 1000: 96 h Oryzias latipes mg/L LC50 semi-static 72 - 133: 96 h Oncorhynchus mykiss mg/L LC50 static 560 - 1000: 96 h Poecilia reticulata mg/L LC50 560 - 1000: 96 h Poecilia reticulata mg/L LC50 semi-static 470: 96 h Pimephales promelas mg/L LC50 static 175 - 225: 96 h Lepomis macrochirus mg/L LC50 static 560 - 1000: 96 h Oryzias latipes mg/L LC50 114: 96 h Pimephales promelas mg/L LC50 | 560 - 1000: 48 h Daphnia magna mg/L LC50  |
| Sodium Hydroxide<br>1310-73-2                         | -   | 45.4: 96 h Oncorhynchus mykiss mg/L LC50 static   | -   |

**Persistence and degradability**

No Information available.

**Bioaccumulation**

No Information available.

**Other adverse effects**

This pesticide is toxic to fish and aquatic invertebrates.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal of wastes**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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 |
|------------------------------|-----------------------------------|
| Sodium Carbonate<br>497-19-8 | 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**

|  |  |
|--|--|
| <b>UN/ID No.</b>                       | UN1903   |
| <b>Proper shipping name</b>            | Disinfectants, liquid, corrosive, n.o.s.   |
| <b>Hazard Class</b>                    | 8  |
| <b>Packing Group</b>                   | III  |
| <b>Special Provisions</b>              | B3, T4, TP1  |
| <b>Description</b>                     | UN1903, Disinfectants, liquid, corrosive, n.o.s. (contains Quaternary Ammonium Compound), 8, III |
| <b>Emergency Response Guide Number</b> | 153  |

**TDG**

|                             |   |
|-----------------------------|---|
| <b>UN/ID No.</b>            | UN1903  |
| <b>Proper shipping name</b> | Disinfectant, liquid, corrosive, n.o.s.   |
| <b>Hazard Class</b>         | 8   |
| <b>Packing Group</b>        | III   |
| <b>Description</b>          | UN1903, Disinfectant, liquid, corrosive, n.o.s. (contains Quaternary Ammonium Compound), 8, III |

### 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 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               | No |
| Chronic Health Hazard             | No |
| Fire hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

| Chemical Name                            | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| Ethanol<br>64-17-5                       | X          | X             | X            |
| Sodium Hydroxide<br>1310-73-2            | X          | X             | X            |
| Trisodium nitrilotriacetate<br>5064-31-3 | -          | X             | -            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. See the product label for the FIFRA hazard information as required on the pesticide label.

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

|                    |                  |                |                    |  |
|--------------------|------------------|----------------|--------------------|--|
| <b><u>NFPA</u></b> | Health hazards 3 | Flammability 0 | Instability 0      | Physical and Chemical<br>Properties -<br>Personal protection B |
| <b><u>HMIS</u></b> | Health hazards 1 | Flammability 0 | Physical hazards 0 |  |

**Issue Date** 22-Mar-2019

**Revision Date** 04-Mar-2019

**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**