1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name Ure-Coat

Other means of identification
Product Code NL154
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 product has been classified in accordance with the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Acute toxicity - Oral</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Dermal</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Appearance White Emulsion
Physical state Liquid
Odor Typical Acrylic Polymer

Precautionary Statements - Response
Specific Treatment (See Section 4 on the SDS)
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

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tributoxyethyl Phosphate</td>
<td>78-51-3</td>
<td>1-5</td>
<td>*</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

First aid measures

Skin Contact
Wash off immediately with soap and plenty of water.

Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Inhalation
Remove to fresh air.

Ingestion
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
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
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-methoxypropoxy)propano 34590-94-8</td>
<td>STEL: 150 ppm TWA: 100 ppm S*</td>
<td>TWA: 100 ppm TWA: 600 mg/m³ (vacated) TWA: 100 ppm (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m³ S*</td>
<td>IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m³ STEL: 150 ppm STEL: 900 mg/m³</td>
</tr>
</tbody>
</table>

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. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state
Liquid

Appearance
White Emulsion

Color
White

Odor
Typical Acrylic Polymer
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

Inhalation
Avoid breathing vapors or mists. Inhalation of vapors in high concentration may cause irritation of respiratory system.

Eye contact
Avoid contact with eyes. Contact with eyes may cause irritation.

Skin Contact
Avoid contact with skin. Prolonged or repeated contact may dry skin and cause irritation.

Ingestion
Do not taste or swallow. Ingestion may cause irritation to mucous membranes.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tributoxyethyl Phosphate</td>
<td>= 3 g/kg ( Rat )</td>
<td>&gt; 16 mL/kg ( Rabbit )</td>
<td>&gt; 6.4 mg/L ( Rat ) 4 h</td>
</tr>
</tbody>
</table>
### 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.

- **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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tributoxyethyl Phosphate</td>
<td></td>
<td>10.4 - 12.0: 96 h Pimephales</td>
<td></td>
</tr>
<tr>
<td>78-51-3</td>
<td></td>
<td>promelas mg/L LC50 flow-through</td>
<td></td>
</tr>
<tr>
<td>2-(2-ethoxyethoxy)ethanol</td>
<td></td>
<td>10000: 96 h Lepomis macrochirus</td>
<td>3940 - 4670: 48 h Daphnia magna</td>
</tr>
<tr>
<td>111-90-0</td>
<td></td>
<td>mg/L LC50 flow-through</td>
<td>mg/L EC50</td>
</tr>
<tr>
<td>[2-(2-Methoxymethylthoxy)</td>
<td></td>
<td>11619: 96 h Pimephales promelas</td>
<td>10: 48 h Daphnia magna mg/L</td>
</tr>
<tr>
<td>methylethoxy]-propanol</td>
<td></td>
<td>mg/L LC50 static</td>
<td>EC50</td>
</tr>
<tr>
<td>25498-49-1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-(2-methoxypropoxy)propano</td>
<td>0.03 - 0.13: 96 h</td>
<td>10000: 96 h Pimephales promelas</td>
<td>1919: 48 h Daphnia magna mg/L</td>
</tr>
<tr>
<td>34590-94-8</td>
<td>Pseudokirchneriella</td>
<td>mg/L LC50 static</td>
<td>LC50</td>
</tr>
<tr>
<td>subcapitata</td>
<td>0.11 - 0.16: 72 h</td>
<td>1.6: 96 h Oncorhynchus mykiss</td>
<td>0.12 - 0.3: 48 h Daphnia magna</td>
</tr>
<tr>
<td></td>
<td>Pseudokirchneriella</td>
<td>mg/L LC50 semi-static</td>
<td>mg/L EC50 Flow through 0.71 -</td>
</tr>
<tr>
<td>subcapitata</td>
<td>0.31: 120 h Anabaena</td>
<td></td>
<td>0.99: 48 h Daphnia magna mg/L</td>
</tr>
<tr>
<td></td>
<td>flos-aquae mg/L EC50</td>
<td></td>
<td>EC50 Static 4.71: 48 h Daphnia</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>magna mg/L EC50</td>
</tr>
<tr>
<td>Magnesium Chloride</td>
<td>2200: 72 h Desmodesmus</td>
<td>1970 - 3880: 96 h Pimephales</td>
<td>140: 48 h Daphnia magna mg/L</td>
</tr>
<tr>
<td>7786-30-3</td>
<td>subspicatus mg/L EC50</td>
<td>promelas mg/L LC50 static</td>
<td>EC50 Static 1400: 24 h Daphnia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4210: 96 h Salmo gairdneri</td>
<td>magna mg/L EC50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>mg/L LC50 flow-through</td>
<td></td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

23.63% of the mixture consists of components(s) of unknown hazards to the aquatic environment

- **Parton coefficient**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tributoxyethyl Phosphate</td>
<td>3.65 - 4.78</td>
</tr>
<tr>
<td>78-51-3</td>
<td></td>
</tr>
</tbody>
</table>
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.

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: Not regulated

TDG: Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-ethoxyethoxy)ethanol - 111-90-0</td>
<td>1.0</td>
</tr>
<tr>
<td>2-(2-Methoxymethyleneoxy)methyleneoxypropanol - 25498-49-1</td>
<td>1.0</td>
</tr>
<tr>
<td>Zinc ammonium carbonate</td>
<td>1.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazard Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
</tr>
<tr>
<td>Fire hazard</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
</tr>
<tr>
<td>Reactive Hazard</td>
</tr>
</tbody>
</table>

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

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-ethoxyethoxy)ethanol</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>111-90-0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[2-(2-Methoxymethoxy)methyleneoxy]propanol</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>25498-49-1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zinc ammonium carbonate</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnesium Nitrate</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>10377-60-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards 0</th>
<th>Flammability 0</th>
<th>Instability 0</th>
<th>Physical and Chemical Properties - Physical hazards 0</th>
<th>Personal protection B</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health hazards 0</td>
<td>Flammability 0</td>
<td></td>
<td>Physical hazards 0</td>
<td>Personal protection B</td>
</tr>
</tbody>
</table>

Issue Date 17-May-2018
Revision Date 17-May-2018
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