1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name
Cover-All

Other means of identification
Product Code
NL576
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>Hazard</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity - Dermal</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Label elements

Warning

Hazard statements
Causes serious eye irritation
May cause an allergic skin reaction

Appearance  Pearlescent White  Physical state  Liquid  Odor  Tropical Coconut
Precautionary Statements - Prevention
Avoid direct contact with eyes.
Wash hands and any exposed skin thoroughly after handling.

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
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing 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
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>Cocamidopropyl Hydroxysultaine</td>
<td>68139-30-0</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Sodium Alpha Olefin Sulfonate</td>
<td>68439-57-6</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Sodium Laureth Sulfate</td>
<td>9004-82-4</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 plenty of water. If skin irritation persists, call a physician.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Inhalation
Remove to fresh air. If symptoms persist, call a physician.

Ingestion
Rinse mouth. Drink plenty of water. Do NOT induce vomiting.

Self-protection of the first aider
Use personal protective equipment as required.

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
May cause sensitization of susceptible persons.

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**
In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**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**  Use personal protective equipment as required. Avoid contact with eyes and skin.

**Environmental precautions**

**Environmental precautions**  Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

**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**  Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling**  Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

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

**Storage Conditions**  Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, 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>Ethylene Glycol Stearate</td>
<td>TWA: 10 mg/m³ inhalable particulate matter except stearates of toxic metals TWA: 3 mg/m³ respirable particulate matter except stearates of toxic metals</td>
<td>-</td>
<td>-</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**: No special technical protective measures are necessary.
- **Skin and body protection**: No special technical protective measures are necessary.
- **Respiratory protection**: No special technical protective measures are necessary.

**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**: Pearlescent White
- **Color**: Pearlescent White
- **Odor**: Tropical Coconut
- **Odor threshold**: No Information available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>7.0 - 8.0</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.03</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>&gt; 1000 cP @ 25°C</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>100 °C / 212 ° F Degrees</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Complete</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No Information available</td>
<td></td>
</tr>
</tbody>
</table>

**Other Information**

- **Density Lbs/Gal**: 8.58
- **VOC Content (%)**: 0.08

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### 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
Not an expected route of exposure.

Eye contact
Avoid contact with eyes. Direct contact may cause serious eye irritation.

Skin Contact
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Ingestion
Do not taste or swallow. May cause gastrointestinal irritation.

Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50
--- | --- | --- | ---
Cocamidopropyl Hydroxysultaine 68139-30-0 | = 5600 mg/kg (Rat) | - | -
Sodium Alpha Olefin Sulfonate 68439-57-6 | = 2220 mg/kg (Rat) | > 740 mg/kg (Rabbit) | -
Sodium Laureth Sulfate 9004-82-4 | = 1600 mg/kg (Rat) | - | -

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.

IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans

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. Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

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) 25,139.00
ATEmix (dermal) 29,533.00

12. ECOLOGICAL INFORMATION

Ecotoxicity
3.71% of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>-</td>
<td>5560 - 6080: 96 h Lepomis</td>
<td>340.7 - 469.2: 48 h Daphnia magna</td>
</tr>
</tbody>
</table>
1. IDENTIFICATION

**Product Name:** Sodium Alkyl Sulfonate

**CAS Number:** 7647-14-5

**EC Number:** 200-144-2

**Solvent:** Water

**Use:** Water Treatment

**Application:** Industrial

**Description:** A surfactant used in water treatment.

**Handling:** Use appropriate personal protective equipment.

**Storage:** Store at cool temperatures.

**Disposal:** Dispose of waste in accordance with local regulations.

2. HAZARDS IDENTIFICATION

**UN No.:** Not applicable

**CAS No.:** 7647-14-5

**EC No.:** 200-144-2

**LD₅₀: 96 h**
- Lepomis macrochirus: 12946 mg/L flow-through
- Pimephales promelas: 6020 mg/L static
- O. mykiss: 6420 mg/L flow-through
- P. promelas: 7070 mg/L static
- P. promelas: 7824 mg/L semi-static
- P. promelas: 4747 mg/L static
- P. promelas: 7050 mg/L static

**LC₅₀:**
- L. macrochirus: 12946 mg/L flow-through
- P. promelas: 6020 mg/L static
- O. mykiss: 6420 mg/L flow-through
- P. promelas: 7070 mg/L static
- P. promelas: 7824 mg/L semi-static
- P. promelas: 4747 mg/L static
- P. promelas: 7050 mg/L static
- P. promelas: 13500 mg/L static

**EC₅₀:**
- Daphnia magna: 1000 mg/L static
- Brachydanio rerio: 0.55 mg/L EC₅₀ 1.0 - 10.0: 72 h
- Desmodesmus subspicatus: 6.5 mg/L EC₅₀
- Daphnia magna: 3040 - 4380 mg/L LC₅₀ static
- Lepomis macrochirus: 13500 mg/L LC₅₀ static
- Lepomis macrochirus: 13500 - 14500 mg/L LC₅₀ static
- Pimephales promelas: 6800 mg/L LC₅₀ static
- Pimephales promelas: 2564 mg/L EC₅₀

**Persistence and degradability:** No Information available.

**Bioaccumulation:** No Information available.

**Other adverse effects:** No Information available.

3. first aid measures

**First aid measures:**
- In case of contact: wash the exposed area with soap and water.
- In case of skin contact: wash the affected area immediately with soap and water.
- In case of eye contact: flush the eyes with water for 15 minutes.
- In case of ingestion: do not induce vomiting.
- In case of inhalation: move to fresh air.

4. firefighting measures

**Firefighting measures:**
- Use water streams to cool the exposed area.
- Handle gazes with caution.

5. protective equipment

**Respiratory protection:** None necessary.

**Skin protection:** Protective gloves.

**Eye protection:** Protective goggles.

6. accident and应急 measures

**Accident measures:**
- Ensure properly trained personnel are available.
- Call emergency services if necessary.

**Emergency procedures:**
- Identify the location of the safety shower and eye wash station.
- Evacuate the area.

7. handling and storage

**Handling:**
- Avoid contact with skin and eyes.
- Store in a cool, dry place.

**Storage:**
- Keep out of reach of children.
- Store away from food, drink, and animal feed.

8. exposure controls and personal protection

**Exposure controls:**
- Use proper ventilation.
- Use personal protective equipment as necessary.

**Personal protective equipment:**
- Respiratory protection: None necessary.
- Skin protection: Protective gloves.
- Eye protection: Protective goggles.

9. physical and chemical properties

**Physical properties:**
- Pungent odor.
- Viscous liquid.
- Water soluble.

**Chemical properties:**
- Stable under normal conditions.
- May react with strong acids.

10. stability and reactivity

**Reactivity:**
- Stable under normal conditions.
- May react with strong acids.

11. toxicological information

**Toxicological effects:**
- Skin irritation.
- Eye irritation.

**Exposure limits:**
- No information available.

12. ecological information

**Ecological effects:**
- No information available.

**Toxicity to aquatic organisms:**
- High toxicity to aquatic organisms.

**Persistence and degradability:**
- No information available.

**Bioaccumulation:**
- No information available.

**Other adverse effects:**
- No information available.

13. disposal considerations

**Waste treatment methods:**
- 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

**DOT:**
- Not regulated

**TDG:**
- Not regulated

15. regulatory information

**International Inventories:**
- TSCA: Complies
- DSL/NDSL: Complies

**Legend:**
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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
<td></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>
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</thead>
<tbody>
<tr>
<td>Sodium Sulfate</td>
<td>-</td>
<td>X</td>
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<tr>
<td>7757-82-6</td>
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</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</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
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<tbody>
<tr>
<td></td>
<td>2</td>
<td>0</td>
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<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
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</thead>
<tbody>
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<td></td>
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Issue Date 28-Jun-2018
Revision Date 28-Jun-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