



# SAFETY DATA SHEET

Issue Date 08-Oct-2020

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Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** Liquid Laundry Detergent HE

### Other means of identification

**Product Code** NL929

**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)

|                         |                |
|-------------------------|----------------|
| Acute toxicity - Oral   | Not classified |
| Acute toxicity - Dermal | Not classified |

### Label elements

#### **Emergency Overview**

**Appearance** Clear Blue

**Physical state** Liquid

**Odor** Fresh & Clean

#### **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 irritation persists, see a physician

IF ON SKIN: Wash with plenty of water

If skin irritation or rash occurs: Get medical advice/attention

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**

| Chemical Name                         | CAS No.     | Weight-% | Trade Secret |
|---------------------------------------|-------------|----------|--------------|
| Nonylphenol Polyethylene Glycol Ether | 127087-87-0 | 1-5      | *            |
| Detergent Polymer                     | Proprietary | 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 for at least 15 minutes. If skin irritation persists, call a physician.    |
| <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>    | Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.                   |

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

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Any additional important symptoms and effects are described in Section 11: Toxicology Information. |
|-----------------|--|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | 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** 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** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Prevent product from entering drains.

**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**

**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** Rubber gloves if prolonged contact is involved.

**Respiratory protection** Ensure adequate ventilation, especially in confined areas.

**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 Blue  
**Color** No Information available Violet White  
**Odor** Fresh & Clean  
**Odor threshold** No Information available

| <b><u>Property</u></b>        | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |
|-------------------------------|--------------------------|--------------------------------|
| pH                            | 8.0 - 9.0                |                                |
| Specific Gravity              | 1.0324                   |                                |
| Viscosity                     | < 25 cP @ 25°C           |                                |
| Melting point/freezing point  | No Information available |                                |
| Flash point                   | None                     |                                |
| Boiling point / boiling range |                          |                                |
| Evaporation rate              | No Information available |                                |

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Flammability (solid, gas)</b>  | No data available        |
| <b>Flammability Limits in Air</b> |                          |
| <b>Upper flammability limit:</b>  | No Information available |
| <b>Lower flammability limit:</b>  | No Information available |
| <b>Vapor pressure</b>             | 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> | 8.6  |
| <b>VOC Content (%)</b> | 0.09 |

**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>   | Not an expected route of exposure.  |
| <b>Eye contact</b>  | Avoid contact with eyes. Direct contact may cause redness and irritation. |
| <b>Skin Contact</b> | Prolonged or repeated contact may dry skin and cause irritation.          |
| <b>Ingestion</b>    | May cause gastro intestinal irritation.                                   |

| 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 ) | -               |

**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.

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Carcinogenicity</b>          | No Information available. |
| <b>Reproductive toxicity</b>    | No Information available. |
| <b>STOT - single exposure</b>   | No Information available. |
| <b>STOT - repeated exposure</b> | No Information available. |
| <b>Aspiration hazard</b>        | 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 .

|                        |           |
|------------------------|-----------|
| <b>ATEmix (oral)</b>   | 31,802.60 |
| <b>ATEmix (dermal)</b> | 44,366.50 |

**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   |
|--|---|--|---|
| Nonylphenol Polyethylene Glycol Ether<br>127087-87-0 | -   | 5:96 h Fish mg/L LC50  | -   |
| Isopropylidene Glycol<br>100-79-8                    | -   | 15200 - 18300: 96 h Pimephales promelas mg/L LC50 flow-through   | -   |
| 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   |
| Trisodium Citrate Dihydrate<br>6132-04-3             | 18000 - 32000: 96 h Chlorella vulgaris mg/L EC50  | 18000 - 32000: 96 h Poecilia reticulata mg/L LC50  | 5600 - 10000: 48 h Daphnia magna mg/L EC50  |
| Propylene Glycol<br>57-55-6                          | 19000: 96 h Pseudokirchneriella subcapitata mg/L EC50   | 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51600: 96 h Oncorhynchus mykiss mg/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50 | 1000: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna mg/L EC50   |
| Methyl Chloro Isothiazolinone<br>26172-55-4          | 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.31: 120 h Anabaena flos-aquae mg/L EC50 | 1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static  | 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static 4.71: 48 h Daphnia magna mg/L EC50 |
| Magnesium Chloride<br>7786-30-3                      | 2200: 72 h Desmodesmus subspicatus mg/L EC50  | 1970 - 3880: 96 h Pimephales promelas mg/L LC50 static 4210: 96 h Gambusia affinis mg/L LC50 static  | 140: 48 h Daphnia magna mg/L EC50 Static 1400: 24 h Daphnia magna mg/L EC50   |

**Persistence and degradability**

No Information available.

**Bioaccumulation**

No Information available.

**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**

**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** 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 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 |
|---------------------------------|------------|---------------|--------------|
| Propylene Glycol<br>57-55-6     | X          | -             | X            |
| Magnesium Nitrate<br>10377-60-3 | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

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

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 0 | Flammability 0 | Instability 0      | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 0 | Flammability 0 | Physical hazards 0 | Personal protection A              |

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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**