

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : TLC RELEASE
Product code : 1372

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Laundry booster
Restrictions on use : For professional use only

1.4. Supplier's details

Christeyns North America, LLC
311 Staton Road
Greenville, NC 27834
USA
T 252-756-8616 / 800.869.6171
info@christeyns.us - www.christeyns.com

1.5. Emergency phone number

Emergency number : VELOCITY EHS (800) 255-3924 (24 HOURS)
(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Full text of H statements : see section 16		

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : H302 - Harmful if swallowed
H318 - Causes serious eye damage
Precautionary statements (GHS US) : P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a poison center or doctor.

P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Nonylphenol polyethylene glycol ether	CAS-No.: 127087-87-0	30 - 60
Polyethylene glycol	CAS-No.: 25322-68-3	0.1 - 5

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Treat symptomatically. Get medical attention if symptoms occur.
First-aid measures after skin contact	: Rinse skin with plenty of water or shower. If irritation persists, get medical attention.
First-aid measures after eye contact	: Rinse immediately with water for 15 minutes, occasionally lifting upper and lower eyelids. Remove contact lenses, if present, and easy to do. Continue rinsing. Get medical attention immediately.
First-aid measures after ingestion	: Rinse mouth with water if the person is conscious. Do not induce vomiting unless directed by medical personnel. Get medical attention immediately.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/injuries after eye contact	: Liquid and vapor corrosive to eyes; will cause permanent damage if not rinsed promptly.
Symptoms/injuries after ingestion	: Harmful if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are unlikely to cause injury; however, swallowing larger amounts may cause injury.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Do not use a water jet as this can spread the fire and may cause the splattering of corrosive liquid.
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5.2. Specific hazards arising from the chemical

Fire hazard	: Decomposition products may include carbon oxides.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

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5.3. Special protective equipment and precautions for fire-fighters

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| Firefighting instructions | : | Use water spray or fog for cooling exposed containers. In case of fire, do not breathe fumes. Move containers from the fire area if you can do so without risk. Prevent firefighting water from entering the environment. |
| Protection during firefighting | : | Wear a self-contained breathing apparatus. Do not attempt to take action without suitable protective equipment. |

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

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| Protective equipment | : | For spills or leaks, contact a supervisor and/or emergency responder. Avoid contact with spilled material and keep unnecessary personnel away. |
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For emergency responders

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| Protective equipment | : | See Section 8 for recommended personal protective equipment. Ventilate the area and restrict access to the spill or leak zone. Have emergency procedures in place for treating exposures or incidents. Only trained and authorized personnel equipped with proper protective equipment should perform cleanup. |
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| Environmental precautions | : | Avoid release onto the ground, into storm sewers, or bodies of water. |
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6.2. Methods and materials for containment and cleaning up

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| Methods for cleaning up | : | Stop leak if safe to do so. Contain spillage, soak up with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and collect all waste in suitable, labeled, and closed containers. Dispose according to local legislation (See Section 13). |
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SECTION 7 Handling and storage

7.1. Precautions for safe handling

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| Precautions for safe handling | : | Handle in accordance with good industrial hygiene and safety practices. Use only with adequate ventilation. Avoid contact with skin, eyes, and clothing. Use appropriate personal protection equipment (PPE). Wash thoroughly after handling. |
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7.2. Conditions for safe storage, including incompatibilities

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| Storage conditions | : | Store upright in a tightly closed, suitably labeled container. Store in a dry, cool, well-ventilated area with appropriate designated containment measures. Keep out of reach of children. Have readily available spill kits with appropriate absorbent materials. Protect from sunlight. Store in original labeled containers. |
| Incompatible products | : | Keep away from strong acids, strong bases, flammables/combustibles, oxidizers, and reactive metals (aluminum, zinc, magnesium, iron filings). |

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

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8.2. Appropriate engineering controls

Appropriate engineering controls : Maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable guidelines, use only with adequate ventilation. Eye wash facilities and emergency showers must be available when handling this product.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:	
Chemical resistant PVC gloves	
Eye protection:	
Safety glasses with side shields.	

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless
Odor	: Odorless
Odor threshold	: No data available
pH	: 6 – 7
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 8.704 lb/gal
Solubility	: No data available
Log Pow	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

Nonylphenol polyethylene glycol ether

Particle characteristics	No data available
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Polyethylene glycol

Particle characteristics	No data available
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9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

Combustible product. Contact with strong oxidizing agents may cause exothermic reactions.

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10.2. Chemical stability

Stable under recommended storage and handling conditions. Avoid elevated temperatures and direct sunlight, which may increase evaporation and degradation.

10.3. Possibility of hazardous reactions

No hazardous polymerization expected. Accumulation of vapors in confined or poorly ventilated areas may form flammable mixtures with air.

10.4. Conditions to avoid

Keep away from heat, sparks, open flames, hot surfaces, and other sources of ignition. Avoid prolonged exposure to air, sunlight, or high temperatures. Avoid confined spaces where vapors can accumulate.

10.5. Incompatible materials

Incompatible with strong oxidizing agents (e.g. peroxides, chromates, nitrates), strong acids, and strong bases.

10.6. Hazardous decomposition products

Thermal decomposition may produce carbon oxides (CO, CO₂) and irritating/toxic vapors.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

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ATE US (oral)	1082.868 mg/kg body weight
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Nonylphenol polyethylene glycol ether (127087-87-0)

LD50 oral	657.2 mg/kg body weight Animal: rabbit, Animal sex: male, Guideline: other:, 95% CL: 265 - 1664,2
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Polyethylene glycol (25322-68-3)

LD50 oral rat	600 mg/kg
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LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
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Skin corrosion/irritation : Not classified
pH: 6 – 7

Serious eye damage/irritation : Causes serious eye damage.
pH: 6 – 7

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Polyethylene glycol (25322-68-3)

NOAEL (animal/female, F0/P)	1690 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other:
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STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

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Polyethylene glycol (25322-68-3)	
LOAEL (oral,rat,90 days)	16000 mg/kg body weight Animal: rat, Guideline: other:
NOAEL (oral,rat,90 days)	8000 mg/kg body weight Animal: rat, Guideline: other:
NOAEC (inhalation,rat,dust/mist/fume,90 days)	1 mg/l air Animal: rat, Guideline: other:
Aspiration hazard	: Not classified
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Viscosity, kinematic	No data available
Nonylphenol polyethylene glycol ether (127087-87-0)	
Viscosity, kinematic	No data available
Polyethylene glycol (25322-68-3)	
Viscosity, kinematic	No data available
Symptoms/injuries after eye contact	: Liquid and vapor corrosive to eyes; will cause permanent damage if not rinsed promptly.
Symptoms/injuries after ingestion	: Harmful if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are unlikely to cause injury; however, swallowing larger amounts may cause injury.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

Nonylphenol polyethylene glycol ether (127087-87-0)	
LC50 - Fish [1]	84.7 mg/l Test organisms (species): Lepomis macrochirus
EC50 - Crustacea [1]	14 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	19.48545 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 96h - Algae [1]	12 mg/l Test organisms (species): other:
Polyethylene glycol (25322-68-3)	
LC50 - Fish [1]	> 20000 mg/l Source: ECOTOX
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	> 100 mg/l Test organisms (species): other:
NOEC (chronic)	17475.27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	13671.59 mg/l Test organisms (species): other: Duration: '28 d'

12.2. Persistence and degradability

TLC RELEASE	
Persistence and degradability	Not rapidly degradable
Nonylphenol polyethylene glycol ether (127087-87-0)	
Persistence and degradability	Not rapidly degradable

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Polyethylene glycol (25322-68-3)

Persistence and degradability	Not rapidly degradable
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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13 Disposal considerations

Regional legislation (waste)	: Avoid unauthorized disposal. Do not dump into any body of water. Comply with federal, state/provincial and local laws/regulations. Do not reuse empty containers.
Waste treatment methods	: Do not allow the product to contaminate any body of water. Refer to Section 8 for personal protection equipment.

SECTION 14 Transport information

In accordance with DOT

DOT

14.1. UN number

Not regulated for transport

14.2. Proper Shipping Name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not regulated

No supplementary information available

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

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SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Nonylphenol polyethylene glycol ether

CAS-No. 127087-87-0

30 - 60%

15.2. International regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date : 6/24/2026

Full text of hazard classes and H-statements

H302	Harmful if swallowed
H318	Causes serious eye damage

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.