

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Dreft Bottle & Dish Soap Foaming Trigger

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Hand dishwashing detergent  
Restrictions on use : None known

#### 1.4. Supplier's details

Nehemiah Manufacturing Company, LLC  
1907 South St.  
Cincinnati, OH 45204  
T 513-351-5700  
[responsibility@nehemiahmfg.com](mailto:responsibility@nehemiahmfg.com)

#### 1.5. Emergency phone number

Emergency number : Verisk 3E: 1-866-519-4752  
Access Code: 335485

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Hazardous to the aquatic environment — Acute Hazard, Category 3	H402	Harmful to aquatic life.
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)	: H318 - Causes serious eye damage H402 - Harmful to aquatic life
Precautionary statements (GHS US)	: P273 - Avoid release to the environment. P280 - Wear eye protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician. P501 - Dispose of to an approved waste disposal plant in accordance with local and national regulations..

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
Caprylyl/capryl Oligoglucoside	CAS-No.: 68515-73-1	5 – 5.5
D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides	CAS-No.: 110615-47-9	1.5 – 2
Lauramine Oxide	CAS-No.: 1643-20-5	1.5 – 2
Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)	CAS-No.: 928663-45-0	1 – 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	: Move the affected person to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If irritation develops, discontinue use and seek medical advice.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms/effects, acute and delayed

Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin.
Eyes	: Serious damage to eyes.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Other medical advice or treatment	: Immediate medical attention is required for eye contact.
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## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

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### 5.2. Specific hazards arising from the chemical

- Fire hazard : This product is not classified as flammable or combustible.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Wear suitable protective clothing. Avoid contact with eyes, skin and clothing.

#### For non-emergency personnel

- Emergency procedures : Avoid contact with skin and eyes. Avoid breathing mist, vapors, spray.

#### For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

- Environmental precautions : Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with eyes, skin and clothing. Avoid breathing mist, vapors, spray. Wear personal protective equipment. Wash hands with water and soap. Ensure adequate ventilation.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including incompatibilities

- Storage conditions : No special storage required.  
Incompatible materials : None known.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : No particular/specific measures required.  
Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures, such as personal protective equipment

<b>Hand protection:</b>
Wear suitable gloves
<b>Eye protection:</b>
Chemical goggles
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear, colorless liquid.
Color	: Colourless
Odor	: Odourless
Odor threshold	: No data available
pH	: 10 – 10.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: ≈ 100 °C
Flash point	: > 100 °C
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 1
Solubility	: Water: 100 %
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

#### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides

Particle characteristics	No data available
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#### Caprylyl/capryl Oligoglucoside

Particle characteristics	No data available
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#### Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)

Particle characteristics	No data available
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### Lauramine Oxide

Particle characteristics

No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

LD50 oral rat > 5000 mg/kg body weight (OECD 401 method)

LD50 dermal rabbit > 2000 mg/kg body weight (OECD 402 method)

#### Caprylyl/capryl Oligoglucoside (68515-73-1)

LD50 oral rat > 2000 mg/kg

LD50 dermal rabbit > 2000 mg/kg

#### Lauramine Oxide (1643-20-5)

LD50 oral rat > 1065 mg/kg

LD50 dermal rat > 2000 mg/kg body weight

Skin corrosion/irritation : Not classified  
pH: 10 – 10.5

Serious eye damage/irritation : Causes serious eye damage.  
pH: 10 – 10.5

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Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

NOAEL (oral, rat, 90 days)	1000 mg/kg body weight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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### Lauramine Oxide (1643-20-5)

NOAEL (oral, rat, 90 days)	40 mg/kg body weight
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Aspiration hazard : Not classified

### Dreft Bottle & Dish Soap Foaming Trigger

Viscosity, kinematic	No data available
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### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

Viscosity, kinematic	No data available
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### Caprylyl/capryl Oligoglucoside (68515-73-1)

Viscosity, kinematic	No data available
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### Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1) (928663-45-0)

Viscosity, kinematic	No data available
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### Lauramine Oxide (1643-20-5)

Viscosity, kinematic	No data available
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Inhalation : May cause minor irritation to the respiratory tract and to other mucous membranes.

Skin : May cause slight irritation to the skin.

Eyes : Serious damage to eyes.

Ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

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

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

### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

LC50 - Fish [1]	2.95 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
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EC50 - Crustacea [1]	7 mg/l Test organisms (species): Daphnia magna
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LC50 - Fish [2]	5.9 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
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EC50 - Crustacea [2]	14 mg/l Test organisms (species): Daphnia magna
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Caprylyl/capryl Oligoglucoside (68515-73-1)	
LC50 - Fish [1]	100.81 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	> 100 mg/l Daphnia magna (Water flea)
LC50 - Fish [2]	96.64 mg/l Juvenile turbot
EC50 - Crustacea [2]	31.62 mg/l Copepod Acartia tonsa
EC50 72h - Algae [1]	20.71 mg/l Skeletonema costatum (marine diatom)
EC50 72h - Algae [2]	37 mg/l Desmodesmus subspicatus
ErC50 algae	27.22 mg/l Desmodesmus subspicatus
NOEC (chronic)	2 mg/l Daphnia magna (Water flea)
NOEC chronic fish	1.8 mg/l Danio rerio (Zebrafish)

Lauramine Oxide (1643-20-5)	
LC50 - Fish [1]	134 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	3.9 mg/l Daphnia magna (Water flea)
LC50 - Fish [2]	31.8 mg/l Danio rerio (Zebrafish)
NOEC (chronic)	0.7 mg/l Daphnia magna (Water flea)
NOEC chronic fish	0.42 mg/l Pimephales promelas (Fathead minnow)

### 12.2. Persistence and degradability

Dreft Bottle & Dish Soap Foaming Trigger	
Persistence and degradability	Not rapidly degradable

D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)	
Persistence and degradability	Rapidly degradable
Biodegradation	88 % 28 days

Caprylyl/capryl Oligoglucoside (68515-73-1)	
Persistence and degradability	Rapidly degradable

Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1) (928663-45-0)	
Persistence and degradability	No additional information available.

Lauramine Oxide (1643-20-5)	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

Lauramine Oxide (1643-20-5)	
Bioaccumulative potential	Low bioaccumulation potential.

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Fluorinated greenhouse gases :  
: No

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

### SECTION 13 Disposal considerations

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
Not regulated for transport			
<b>14.2. Proper Shipping Name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

#### 14.6. Transport in bulk

Not applicable

#### 14.7. Special precautions for user

##### DOT

Not regulated

##### TDG

Not regulated

##### IMDG

Not regulated

##### IATA

Not regulated

### SECTION 15 Regulatory information

#### 15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.



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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

### 15.2. International regulations

#### CANADA

##### D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides (110615-47-9)

Listed on the Canadian DSL (Domestic Substances List)

##### Caprylyl/capryl Oligoglucoside (68515-73-1)

Listed on the Canadian DSL (Domestic Substances List)

##### Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1) (928663-45-0)

Listed on the Canadian DSL (Domestic Substances List)

##### Lauramine Oxide (1643-20-5)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### Dreft Bottle & Dish Soap Foaming Trigger

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

### 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 29CFR 1910.1200 OSHA Hazard Communication Standard

Revision date : 12/23/2024

Issue date : 12/23/2024

#### Full text of hazard classes and H-statements

H318	Causes serious eye damage
H402	Harmful to aquatic life

Safety Data Sheet (SDS), USA

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.