



# Safety Data Sheet

Issue Date: 19-Jan-2024

Revision Date: 05-Mar-2024

Version 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** HS-10012 Foamee

### Other means of identification

**SDS #** BTHS-100B-B / BTHS-100012

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

**Recommended Use** Foaming hand soap for removing ink.

**Uses Advised Against** For industrial and institutional use only

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Bradley Systems  
a division of TRION Chemicals  
320 37<sup>th</sup> Avenue  
St. Charles, IL 60174  
www.bradley-systems.com

### Emergency telephone number

**Company Phone Number** 1-800-252-1114 (to reorder)  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Physical state** Liquid

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### Other hazards

It may be harmful to aquatic life.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Glycol ether TPM	25498-49-1	1-5
Dimethyl Glutarate	1119-40-0	1-5
Hydrogen Peroxide	7722-84-1	<0.1

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

#### 4. FIRST AID MEASURES

##### Description of first aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Not expected to be an irritant. If irritation occurs, flush with water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

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

<b>Symptoms</b>	None known.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

##### Specific Hazards Arising from the Chemical

Not determined.

##### 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

<b>Personal Precautions</b>	Use personal protective equipment as required.
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##### Environmental precautions

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
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##### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
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<b>Methods for Clean-Up</b>	Keep in suitable, closed containers for disposal.
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#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible Materials</b>	None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>

**Appropriate engineering controls**

<b>Engineering Controls</b>	Apply technical measures to comply with the occupational exposure limits.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Refer to 29 CFR 1910.133 for eye and face protection regulations.
<b>Skin and Body Protection</b>	Refer to 29 CFR 1910.138 for appropriate skin and body protection.
<b>Respiratory Protection</b>	Refer to 29 CFR 1910.134 for respiratory protection requirements.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid (Opaque)	<b>Odor</b>	Not determined
<b>Appearance</b>	Liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Grey-white		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
pH	No data available		
Melting point / freezing point	No data available		
Initial boiling point and boiling range	No data available		
Flash point	No data available		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Flammability Limit in Air			
Upper flammability or explosive limits	No data available		
Lower flammability or explosive limits	No data available		
Vapor Pressure	Not determined		
Vapor Density	No data available		
Specific Gravity	1.00		
Water Solubility	Not determined		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	No data available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	0%	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### 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>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Not expected to be a skin irritant during prescribed use.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Glycol ether TPM 25498-49-1	= 3200 mg/kg ( Rat )	= 15440 mg/kg ( Rabbit )	-
Dimethyl Glutarate 1119-40-0	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 11 mg/L ( Rat ) 4 h
Lauramine Oxide 70592-80-2	> 2000 mg/kg ( Rat )	-	-
Dimethyl Adipate 627-93-0	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Benzyl benzoate 120-51-4	= 500 mg/kg ( Rat )	= 4000 mg/kg ( Rabbit )	-
Magnesium Nitrate 10377-60-3	= 5440 mg/kg ( Rat )	-	-
Galaxolide 1222-05-5	> 3250 mg/kg ( Rat )	> 3250 mg/kg ( Rabbit )	-

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrogen Peroxide 7722-84-1	= 1518 mg/kg ( Rat )	= 9200 mg/kg ( Rabbit )	= 2000 mg/m <sup>3</sup> ( Rat ) 4 h
Hexl Acetate 142-92-7	= 42 g/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Linaly acetate 115-95-7	= 14550 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Linalool 78-70-6	= 2790 mg/kg ( Rat )	= 5610 mg/kg ( Rabbit )	-

### Symptoms related to the physical, chemical and toxicological characteristics

#### Symptoms

Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Carcinogenicity

Group 3 IARC components are "not classifiable as human carcinogens". Nitrate or nitrite ingested under conditions that result in endogenous nitrosation are considered carcinogens.

Chemical name	ACGIH	IARC	NTP	OSHA
Magnesium Nitrate 10377-60-3		Group 2A		X
Hydrogen Peroxide 7722-84-1	A3	Group 3		

#### Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 54,468.50 mg/kg

Dermal LD50 162,969.00 mg/kg

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

May be harmful to aquatic life.

#### Persistence/Degradability

Not determined.

#### Bioaccumulation

There is no data for this product.

#### Mobility

Chemical name	Partition coefficient
Dimethyl Glutarate 1119-40-0	0.49

#### Other adverse effects

Not determined.

### 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

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Hydrogen Peroxide 7722-84-1	Toxic Corrosive Ignitable Reactive

### 14. TRANSPORT INFORMATION

#### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### DOT

Not regulated

#### IATA

Not regulated

#### IMDG

Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AIIC
Glycol ether TPM	X	ACTIVE	X	X	X	X	X	X	X
Dimethyl Glutarate	X	ACTIVE	X	X	X	X	X	X	X
Lauramine Oxide	X	ACTIVE	X	X	X	X		X	X
Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AIIC
Dimethyl Adipate	X	ACTIVE	X	X	X	X	X	X	X
Benzyl benzoate	X	ACTIVE	X	X	X	X	X	X	X
Magnesium Nitrate	X	ACTIVE	X	X	X	X	X	X	X
Galaxolide	X	ACTIVE	X	X	X	X	X	X	X
Hydrogen Peroxide	X	ACTIVE	X	X	X	X	X	X	X
Hexl Acetate	X	ACTIVE	X	X	X	X	X	X	X
Linaly acetate	X	ACTIVE	X	X	X	X	X	X	X
Linalool	X	ACTIVE	X	X	X	X	X	X	X

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AIIC** - Australian Inventory of Chemical Substances

**US Federal Regulations****CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hydrogen Peroxide 7722-84-1		1000 lb	

**SARA 313**

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Glycol ether TPM - 25498-49-1	25498-49-1	1-5	1.0
Magnesium Nitrate - 10377-60-3	10377-60-3	<0.1	1.0

**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)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Glycol ether TPM 25498-49-1	X		X
Hydrogen Peroxide 7722-84-1	X	X	X

**16. OTHER INFORMATION****NFPA**

Health hazards

-

Flammability

-

Instability

-

Special hazards

-

**HMIS**

Health hazards

-

Flammability

-

Physical hazards

-

Personal Protection

Not determined

Issue Date:

19-Jan-2024

Revision Date:

05-Mar-2024

Revision Note:

Section 9

**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**