Safety Data Sheet

Issue Date 27-Apr-2021 **Revision Date** 27-Apr-2021 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name HS-10012 Foamee

Other means of identification

SDS# BTHS-100012

Recommended use of the chemical and restrictions on use

Recommended use Foaming Hand Soap for ink.

Uses Advised Against For industrial or institutional use only.

Details of the supplier of the safety data sheet

Company Name

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

Emergency telephone number

Company Phone Number 800-252-1114 (to reorder)

Emergency Telephone INFOTRAC 1-800-535-5053
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Classification-Not Classified

OSHA/HCS Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SOS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product

Signal Word

None

Hazard statement

No known significant effects or critical hazards.

Precautionary Statements -General-Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention

Not applicable.

Response

Not applicable.

Storage

Not applicable.

Disposal
Not applicable.

Hazards not otherwise classified
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition
There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Chemical Name	CAS No.	%
Hexanedioic acid, dimethyl ester, mixt. with dimethyl butanedioate and dimethyl pentanedioate	95481-62-2	>3- <5%
1-Propoxypropan-2-o	1569-01-3	>1-<3%
Nonylphenol, ethoxylated	9016-45-9	>1-<2.5%
Sodium Carbonate	497-19-8	>1-<2.5%

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

4. FIRST AID MEASURES

First aid measures

Skin Contact Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

Eye contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Ingestion Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Inhalation None known.

Ingestion None known.

Skin Contact None known.

Eye Contact None known.

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.

Protection of first-aiders No action shall be taken involving any personal risk or without suitable training.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media None known

Hazards arising from the chemical
No specific fire or explosion hazard.

Hazardous thermal decomposition products
Decomposition products may include the following materials: carbon dioxide, carbon monoxide and metal oxide/oxides.

Protective equipment and precautions for firefighters
Fire fighters should wear full protective equipment and NIOSH/MSHA approved self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	No action shall be taken involving any personal risk or without suitable training. Keep personnel unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
Emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Methods for cleaning up and containment	Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control paramaters – United States
Occupational exposure limits

Ingredient name	Exposure limits
Hexanedioic acid, dimethyl ester, mixt. with dimethyl butanedioate and dimethyl pentanedioate	None.
1-Propoxypropan-2-ol	None.
Nonylphenol, ethoxylated	None.
Sodium Carbonate	None.

Occupational exposure limits – Canada – None.

Appropriate engineering controls

Engineering Controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin and body protection Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Hygiene measures Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid (Opaque)
Color	Grey-white
Odor	No information available

Property	Values	Remarks • Method
pH	6.5 [Conc.(% w/w): 1%]	
Specific Gravity	No information available	
Viscosity	Water-like	
Melting point/freezing point	No Information available	
Flash point	Closed cup: 98.889°C (210°F)	
Boiling point / boiling range	98.889°C (210°F)	
Evaporation rate	As water	
Flammability (solid, gas)	No information available	
Upper flammability limit:	No Information available	
Lower flammability limit:	No Information available	
Vapor pressure	0.53 kPa (4 mm Hg) [room temperature]	
Vapor density	No information available	
Relative density	1.0328	
Water solubility	No information available	
Autoignition temperature	No Information available	
Decomposition	No information available	

10. STABILITY AND REACTIVITY

Reactivity
There are no known reactivity hazards associated with this product.

Chemical stability
Stable under normal ambient temperatures.

Possibility of Hazardous Reactions
None known under normal conditions of storage and use, hazardous reaction will not occur.

Conditions to avoid
There are no known conditions that are likely to result in a hazardous situation.

Incompatible materials
No information available.

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure -Acute Toxicity

Product/Ingredient name	Result	Species	Dose	Exposure
Hexanedioic acid, dimethyl ester, mixt. with dimethyl butanedioate and dimethyl pentanedioate	LD50 Dermal	Rabbit	>5000 mg/kg	–
	LD50 Oral	Rat	8191 mg/kg	–
1-Propoxypropan-2-ol	LD50 Dermal	Rabbit	3550 mg/kg 2504 mg/kg	– –
	LD50 Oral	Rat	4090 mg/kg	–
Sodium Carbonate	LD50 Oral	Rat		

Irritation/Corrosion

Product/ Ingredient name	Result	Species	Score	Exposure	Observation
1-Propoxypropan-2-ol	Eyes - Moderate irritant	Rabbit Guinea pig	- -	100 mg 20 mg	- -
Nonylphenol, ethoxylated	Eyes - Severe irritant Eyes - Severe irritant Eyes - Severe irritant Skin - Mild irritant	Mouse Rabbit Human	- - -	20 mg 20 mg 72 hours 15 mg Intermittent	- - -
Sodium Carbonate	Skin - Mild irritant Eyes - Mild irritant Eyes - Moderate irritant Eyes - Severe irritant Skin - Mild irritant	Rabbit Rabbit Rabbit Rabbit Rabbit	- - - - -	500 mg 0.5 minutes 100 mg 24 hours 100 mg 50 mg 24 hours 500 mg	- - - - -

Sensitization
No information available.

Mutagenicity
No information available.

Carcinogenicity
No information available.

Reproductive toxicity
No information available.

Teratogenicity
No information available.

STOT – Single and repeated exposure
No information available.

Aspiration hazard
No information available.

Information on the likely routes of exposure: Derma contact. Eye contact. Inhalation. Ingestion. Symptoms related to the physical, chemical and toxicological characteristics

Inhalation None known.

Eye contact None known.

Skin Contact None known.

Ingestion None known.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects No known significant effects or critical hazards.

Potential delayed effects No known significant effects or critical hazards.

Long term exposure

Potential immediate effects No known significant effects or critical hazards.

Potential delayed effects No known significant effects or critical hazards.

Potential chronic health effects

General No known significant effects or critical hazards**.**

Carcinogenicity No known significant effects or critical hazards.

Mutagenicity No known significant effects or critical hazards.

Teratogenicity No known significant effects or critical hazards.

Developmental effects No known significant effects or critical hazards.

Fertility effects No known significant effects or critical hazards**.**

Acute toxicity estimates – Oral – ATE Value: 10363.6 mg/kg **/ Dermal – ATE Value:** 150232.8 mg/kg

12. ECOLOGICAL INFORMATION

Persistence and degradability

No Information available.

Bioaccumulation

1-Propoxypropan-2-ol: **LogP_{ow}**: 0.621 **BCF**: - **Potential**: low

Mobility

No information is available.

Other adverse effects

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

DOT Not regulated.

IATA Not regulated.

IMDG Not regulated.

Environmental hazards No

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product known what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION

U.S. Federal regulations: **TSCA 8(a) PAIR**: Nonylphenol, ethoxylated / **TSCA 8(a) CDR Exempt/Partial exemption**: Not determined / **TSCA 12(b) one-time export**: Nonylphenol, ethoxylated **United States inventory (TSCA 8b)**: All components are listed or exempted.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) – Not listed.
Clean Air Act Section 602 Class I Substances – Not listed.
Clean Air Act Section 602 Class II Substances - Not listed.
DEA List I Chemicals (Precursor Chemicals) – Not listed.
DEA List II Chemicals (Essential Chemicals) - Not listed.

SARA 302/304
Composition/information on ingredients – No products were found.

SARA 304RQ – Not applicable
SARA 311/312 – Classification not applicable
SARA 313 – No information available.

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Hexanedioic acid, dimethyl ester, mixt. with dimethyl butanedioate and dimethyl pentanedioate	>3-<5	No	No	No	Yes	No
1-Propoxypropan-2-ol	>1-<3	Yes	No	No	Yes	No
Nonylphenol,ethoxylated	>1-<2.5	No	No	No	Yes	No
Sodium Carbonate	>1-<2.5	No	No	No	Yes	No

State regulations:
Massachusetts/New York/New Jersey/Pennsylvania: None of the components are listed.

Canada – Canadian lists
Canadian NPRI: The following are components listed: Nonylphenol, ethoxylated.
CEPA Toxic substances: The following are components listed: Nonylphenol, ethoxylated.
Canadian inventory: Not determined.

16. OTHER INFORMATION

NFPA	**Health hazards 1**	**Flammability** 0	**Reactivity 0**	**Physical and Chemical Properties** -
HMIS	**Health hazards** 1	**Flammability** 0	**Physical hazards** 0	**Personal protection** B

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Disclaimer
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End of Safety Data Sheet