

Advisory Bulletin



TB-100 Safety Data Sheets (SDS)

This technical bulletin provides Safety Data (SD) Sheets for all of Bobrick's SureFlo Tank-in-A-Box soaps.

These includes:

B-81212 Pink Lotion Soap	Pages 2-7
B-81312 Premium Gold Soap	Pages 8-13
B-81412 EcoLogo Green Soap	Pages 14-19

SAFETY DATA SHEET

BOBRICK SUREFLO B-81212 PINK LOTION SOAP

Section 1. Chemical product and company identification

Product name : BOBRICK SUREFLO B-81212 PINK LOTION SOAP
Recommended use and restrictions : Skin Cleaner

Use only for the purpose on the product label.

Product dilution information : Not applicable

Supplier's information : Bobrick Washroom Equipment, Inc.
11611 Hart Street, North Hollywood, CA 91605
818-764-1000 (Customer Service)

Code : 912306

Date of issue : 11 Jul 2013

EMERGENCY HEALTH INFORMATION: Call a POISON CENTER or doctor/physician if you feel unwell.

Section 2. Hazards identification

GHS Classification : **Product AS SOLD**
: SERIOUS EYE DAMAGE/ EYE IRRITATION -
Category 2B

GHS label elements

Signal word : CAUTION

Hazard statements : Causes eye irritation.

Precautionary statements

Prevention : No special protection is required.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage : No other specific measures identified.

Disposal : See section 13 for waste disposal information.

Other hazards : None known.

Product AT USE DILUTION

Product is sold ready to use.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
2,2'-iminodiethanol	<0.5	111-42-2
COCAMIDE DEA	1 - 5	68603-42-9
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c12-14-alkyl ethers, sodium salts	1 - 5	68891-38-3

Section 3. Composition/information on ingredients

Product AT USE DILUTION

Hazardous ingredients

Concentration Range (%)

CAS number

Product is sold ready to use.

Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse with water for a few minutes.	Product is sold ready to use.
Skin contact	: Not applicable	
Inhalation	: No special measures required. Treat symptomatically.	
Ingestion	: Get medical attention if symptoms occur.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

Suitable fire extinguishing media	: Use water spray, fog or foam.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: sulfur oxides metal oxide/oxides
Specific fire-fighting methods	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
Personal precautions	: No special measures required.	Product is sold ready to use.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	
Methods for cleaning up	: Absorb with an inert material. Use a water rinse for final clean-up.	

Section 7. Handling and storage

Product AS SOLD

Handling : Wash hands after handling.

Storage : Keep out of reach of children. Keep container tightly closed.

Store between the following temperatures: 0 and 50°C

Product AT USE DILUTION

Product is sold ready to use.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits
2,2'-iminodiethanol	ACGIH TLV (United States, 3/2012). Absorbed through skin. TWA: 1 mg/m ³ 8 hours. Form: Inhalable fraction and vapor NIOSH REL (United States, 6/2009). TWA: 3 ppm 10 hours. TWA: 15 mg/m ³ 10 hours.

Product AS SOLD

Appropriate engineering controls : No special ventilation requirements.

Personal protection

Eye protection : No special protection is required.

Hand protection : No special protection is required.

Skin protection : No special protection is required.

Respiratory protection : No special protection is required.

Hygiene measures : No special measures required.

Product AT USE DILUTION

Product is sold ready to use.

Section 9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.

Color : pink [Light]

Odor : Floral

pH : 5 to 5.5 (100%)

Flash point : > 100°C

Explosion limits : Not available.

Flammability (solid, gas) : Not available.

Melting point : Not available.

Boiling point : Not available.

Evaporation rate (butyl acetate = 1) : Not available.

Vapor pressure : Not available.

Vapor density : Not available.

Relative density : 1.004 to 1.024 (Water = 1)

Solubility : Easily soluble in the following materials: cold water and hot water.

Product AT USE DILUTION

Product is sold ready to use.

Section 9. Physical and chemical properties

Partition coefficient: : Not available.
n-octanol/water

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Odor threshold : Not available.

Viscosity : Not available.

Section 10. Stability and reactivity

Product AS SOLD

Stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Materials to avoid : Slightly reactive or incompatible with the following materials: alkalis.

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

Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

Product AS SOLD

Symptoms

Eye contact : Adverse symptoms may include the following:
 irritation
 watering
 redness

Skin contact : No specific data.

Inhalation : No specific data.

Ingestion : No specific data.

Acute toxicity

Eye contact : Causes eye irritation.

Skin contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Toxicity data

Product/ingredient name

amides, coco, n,n-bis(hydroxyethyl)	LD50 Dermal	Rat	>2000 mg/kg
	LD50 Oral	Rat	>5000 mg/kg
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-. omega.-hydroxy-, c12-14-alkyl ethers, sodium salts	LD50 Dermal	Rabbit	8000 mg/kg
	LD50 Oral	Rat	3350 mg/kg
2,2'-iminodiethanol	LD50 Dermal	Rabbit	8180 mg/kg
	LD50 Oral	Rat	755 mg/kg

Product AT USE DILUTION

Product is sold ready to use.

Chronic toxicity

Carcinogenicity : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

Ingredient name	IARC	NTP	OSHA
COCAMIDE DEA	2b	-	-

Section 11. Toxicological information

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.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity : This material is harmful to aquatic life.

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
amides, coco, n,n-bis(hydroxyethyl)	Acute LC50 3.6 mg/l	Fish	96 hours
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c12-14-alkyl ethers, sodium salts	Acute LC50 7.1 mg/l	Fish	96 hours
2,2'-iminodiethanol	Acute EC50 65.5 mg/l	Daphnia	48 hours

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : Diluted product can be flushed to sanitary sewer.
Discard empty container in trash.

Product AS SOLD

Product AT USE DILUTION

Product is sold ready to use.

Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

DOT

DOT Classification Not regulated.

IMO/IMDG

IMO/IMDG Classification Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

Section 15. Regulatory information

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
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Form R - Reporting requirements : No listed substance

California Prop. 65 : WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16. Other information

Product AS SOLD

Hazardous Material :
Information System (U.S.A.)

Health	*	1
Flammability		0
Physical hazards		0

National Fire Protection :
Association (U.S.A.)



Date of issue : 11 Jul 2013
Prepared by : Regulatory Affairs
1-800-352-5326

Notice to reader

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SAFETY DATA SHEET

BOBRICK SUREFLO B-81312 PREMIUM GOLD SOAP

Section 1. Chemical product and company identification

Product name : BOBRICK SUREFLO B-81312 PREMIUM GOLD SOAP
Recommended use and restrictions : Skin Cleaner

Use only for the purpose on the product label.

Product dilution information : Not applicable

Supplier's information : Bobrick Washroom Equipment, Inc.
11611 Hart Street
North Hollywood, CA 91605
818-764-1000 (Customer Service)

Code : 912307

Date of issue : 14 Nov 2013

Call a POISON CENTER or doctor if you feel unwell.

Section 2. Hazards identification

GHS Classification : **Product AS SOLD**
SERIOUS EYE DAMAGE/ EYE IRRITATION -
Category 2B

GHS label elements

Signal word : CAUTION

Hazard statements : Causes eye irritation.

Precautionary statements

Prevention : No special protection is required.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage : No other specific measures identified.

Disposal : See section 13 for waste disposal information.

Other hazards : None known.

Product AT USE DILUTION

Product is sold ready to use.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
2,2'-iminodiethanol	<0.5	111-42-2
COCAMIDE DEA	1 - 5	68603-42-9
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c12-14-alkyl ethers, sodium salts	1 - 5	68891-38-3

Section 3. Composition/information on ingredients

Product AT USE DILUTION

Hazardous ingredients

Concentration Range (%)

CAS number

Product is sold ready to use.

Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse with water for a few minutes.	Product is sold ready to use.
Skin contact	: Not applicable	
Inhalation	: No special measures required. Treat symptomatically.	
Ingestion	: Get medical attention if symptoms occur.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

Suitable fire extinguishing media	: Use water spray, fog or foam.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: sulfur oxides metal oxide/oxides
Specific fire-fighting methods	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
Personal precautions	: No special measures required.	Product is sold ready to use.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	
Methods for cleaning up	: Absorb with an inert material. Use a water rinse for final clean-up.	

Section 7. Handling and storage

Product AS SOLD

Handling : Wash hands after handling.

Storage : Keep out of reach of children. Keep container tightly closed.

Store between the following temperatures: 0 and 50°C

Product AT USE DILUTION

Product is sold ready to use.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits
2,2'-iminodiethanol	ACGIH TLV (United States, 3/2012). Absorbed through skin. TWA: 1 mg/m ³ 8 hours. Form: Inhalable fraction and vapor NIOSH REL (United States, 6/2009). TWA: 3 ppm 10 hours. TWA: 15 mg/m ³ 10 hours.

Product AS SOLD

Appropriate engineering controls : No special ventilation requirements.

Personal protection

Eye protection : No special protection is required.

Hand protection : No special protection is required.

Skin protection : No special protection is required.

Respiratory protection : No special protection is required.

Hygiene measures : No special measures required.

Product AT USE DILUTION

Product is sold ready to use.

Section 9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.

Color : Yellow [Light]

Odor : Floral

pH : 5.25 (100%)

Flash point : > 100°C

Explosion limits : Not available.

Flammability (solid, gas) : Not available.

Melting point : Not available.

Boiling point : >100°C (>212°F)

Evaporation rate (butyl acetate = 1) : Not available.

Vapor pressure : Not available.

Vapor density : Not available.

Relative density : 1.004 to 1.024 (Water = 1)

Solubility : Easily soluble in the following materials: cold water and hot water.

Product AT USE DILUTION

Product is sold ready to use.

Section 9. Physical and chemical properties

Partition coefficient: : Not available.
n-octanol/water

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Odor threshold : Not available.

Viscosity : Not available.

Section 10. Stability and reactivity

Product AS SOLD

Stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Materials to avoid : Not available.

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

Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

Product AS SOLD

Symptoms

Eye contact : Adverse symptoms may include the following:
 irritation
 watering
 redness

Skin contact : No specific data.

Inhalation : No specific data.

Ingestion : No specific data.

Acute toxicity

Eye contact : Causes eye irritation.

Skin contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Toxicity data

Product/ingredient name

amides, coco, n,n-bis(hydroxyethyl)	LD50 Dermal	Rat	>2000 mg/kg
	LD50 Oral	Rat	>5000 mg/kg
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-. omega.-hydroxy-, c12-14-alkyl ethers, sodium salts	LD50 Dermal	Rabbit	8000 mg/kg
	LD50 Oral	Rat	3350 mg/kg
	LD50 Dermal	Rabbit	8180 mg/kg
2,2'-iminodiethanol	LD50 Oral	Rat	755 mg/kg

Product AT USE DILUTION

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Chronic toxicity

Carcinogenicity : No known significant effects or critical hazards.

Ingredient name	IARC	NTP	OSHA
COCAMIDE DEA	2b	-	-

Mutagenicity : No known significant effects or critical hazards.

Section 11. Toxicological information

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.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity : This material is harmful to aquatic life.

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
amides, coco, n,n-bis(hydroxyethyl)	Acute LC50 3.6 mg/l	Fish	96 hours
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c12-14-alkyl ethers, sodium salts	Acute LC50 7.1 mg/l	Fish	96 hours
2,2'-iminodiethanol	Acute EC50 65.5 mg/l	Daphnia	48 hours

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : Diluted product can be flushed to sanitary sewer.
 Discard empty container in trash.

Product AS SOLD

Product AT USE DILUTION

Product is sold ready to use.

Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

DOT

DOT Classification Not regulated.

IMO/IMDG

IMO/IMDG Classification Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

Section 15. Regulatory information

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

SARA 313

Product name

CAS number

Concentration

Form R - Reporting requirements : No listed substance

California Prop. 65

: WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16. Other information

Product AS SOLD

Hazardous Material :
Information System (U.S.A.)

Health	*	1
Flammability		0
Physical hazards		0

National Fire Protection :
Association (U.S.A.)



Date of issue : 14 Nov 2013
Prepared by : Regulatory Affairs
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Safety Data Sheet

Issue Date 14-Dec-2014

Revision Date: 14-Dec-2014

Version 1.0

1. IDENTIFICATION

Product Identifier

Product Name SureFlo Green Soap

Other Means of Identification

Product Code B-81412

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Hand soap RTU. For industrial use.

Details of the Supplier of the Safety Data Sheet

Bobrick Washroom Equipment, Inc.
11611 Hart Street
North Hollywood, CA 91605

Emergency Telephone Number

Company Phone Number Phone: 1-818-764-1000
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Colorless

Physical State Liquid

Odor Herbal Mint

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.

Unknown Acute Toxicity

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Sodium Lauryl Ether Sulfate	68585-34-2	1-5
Glycerin	56-81-5	1-5

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

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin Contact If skin irritation occurs, rinse affected area with water.

Inhalation No known hazardous effects. If symptoms occur, remove to fresh air.

Ingestion Drink plenty of water. If any discomfort persists, obtain medical attention.

Most Important Symptoms and Effects

Symptoms Direct contact with eyes may cause temporary irritation. Prolonged or repeated skin contact may cause irritation.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Foam.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

None known.

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 Use personal protective equipment as required.

Environmental Precautions Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Collect spillage. Collect in a clean, dry waste container for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Avoid contact with eyes. Observe good industrial hygiene practices.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Keep from freezing.

Incompatible Materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³	-

Appropriate Engineering Controls

Engineering Controls Ventilation systems.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection No protective equipment is needed under normal use conditions.

Skin and Body Protection No protective equipment is needed under normal use conditions.

Respiratory Protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations 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 to slightly hazy	Odor	Herbal Mint (from IFRA Fragrance)
Color	Colorless	Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	7.5-8.0		
Melting Point/Freezing Point	~ 0 °C / ~32 °F		
Boiling Point/Boiling Range	~ 100 °C / ~212 °F		
Flash Point	Not applicable		Tag Open Cup
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	na/-liquid		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.03		
Water Solubility	Completely soluble		@ 25 °C (77 °F)
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

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.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children. Keep from freezing.

Incompatible Materials

None known.

Hazardous Decomposition Products

When exposed to fire, produces normal products of combustion.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid prolonged contact with skin.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Lauryl Ether Sulfate 68585-34-2	> 5000 mg/kg (Rat) (14days)	-	-
Glycerin 56-81-5	= 12600 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	-

Information on Physical, Chemical and Toxicological Effects

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 This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Not determined

Unknown Acute Toxicity

None known

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Lauryl Ether Sulfate 68585-34-2	-	-	-	2.43-4.01 mg/L 48hr Ceriodaphnia dubia

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

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.

14. TRANSPORT INFORMATION

DOT Not regulated
IATA Not regulated
IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

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

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
None Listed	-	-	-

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

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

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
None Listed	-	-	-	-

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	State List
Glycerin 56-81-5	MA, NJ, PA

AZ- Arizona Ambient Air Quality Guidelines
 CT- Connecticut Hazardous Air Pollutants
 CA- California Director's List of Hazardous Substances
 CAP65- California Prop65
 FL- Florida Substances List
 ID- Idaho Non-Carcinogen Toxic Air Pollutants

IL- Illinois Toxic Air Contaminant- Carcinogenic
 MA- Massachusetts Right to Know List
 MN- Minnesota Hazardous Substances List
 NJ- New Jersey Right to Know List
 PA- Pennsylvania Right to Know List
 RI- Rhode Island Hazardous Substances List

6. OTHER INFORMATION

<u>NFPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 1	Flammability 0	Physical Hazards 0	Personal Protection Not determined

Issue Date 14-Dec-2014
Revision Date: 14-Dec-2014
Revision Note Version 1.0

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.

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*Denotes changes from last version.

End of Safety Data Sheet