SAFETY DATA SHEET

Harvard Chemical Research, Inc.

Issue Date 06-May-2014 **Revision Date** 06-May-2014 **Version** 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name	SANI-BOWL

Other means of identification

Product Code	2046
Synonyms	None

Recommended use of the chemical and restrictions on use

Recommended Use	Disinfectant Bathroom Cleaner
Uses advised against	No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Harvard Chemical Research, Inc., 3595 Zip Industrial Blvd., Atlanta, GA 30354

Emergency telephone number

Company Phone Number	1-404-761-0657
24 Hour Emergency Phone Number	800-424-9300
Emergency Telephone	Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

Label elements

Emergency Overview

Appearance Clear Blue **Physical state** Liquid **Odor** Floral

Hazards not otherwise classified (HNOC)

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General advice	Severe irritant to eyes. Irritation and difficulty in breathing. Gastric pain and vomiting if ingested.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Rinse skin with clear water.
Inhalation	Remove to fresh air. If breathing does not return to normal, seek medical attention.
Ingestion	Immediately drink large quantities of water. Get medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Carbon dioxide (CO2). Dry chemical. Alcohol Foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
No information available.

Explosion data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

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	Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions	See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

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

Methods for cleaning up Small spills mop up and flush away, large spills should be contained and moved to container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Do not freeze. Keep out of reach of children. Follow label instructions.

Incompatible materials Strong acids. OXIDIZERS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical goggles with side shields.

Skin and body protection Wear Neoprene or protective rubber gloves. Suitable protective clothing. Drenching safety shower and eye wash station.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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	**Odor**	Floral
Color	Blue	**Odor threshold**	No information available

Property	Values	Remarks • Method
pH	9.5	
Melting point/freezing point	No information available	
Boiling point / boiling range	100 >212°F	
Flash point	No information available	
Evaporation rate	<1	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		

Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	>1
Specific Gravity	1.01
Water solubility	completely soluble
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	8.4
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity
No data available

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
Extremes of temperature and direct sunlight.

Incompatible materials
Strong acids. OXIDIZERS.

Hazardous Decomposition Products
Carbon monoxide. Carbon dioxide (CO2). Hydrogen chloride. heat.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	Irritation and difficulty in breathing.
Eye contact	Severely irritating to eyes.
Skin Contact	No data available.
Ingestion	Gastric pain and vomiting.

Information on toxicological effects

Symptoms No information available.

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

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

12. ECOLOGICAL INFORMATION

Ecotoxicity

0.24% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Other adverse effects No information available

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 Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

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

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

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)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information
EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA	**Health hazards**	0	**Flammability**	0	**Instability**	0	**Physical and Chemical Properties** -
HMIS	**Health hazards**	1	**Flammability**	0	**Physical hazards**	0	**Personal protection** X

Prepared By	Moira Blackflower
Issue Date	06-May-2014
Revision Date	06-May-2014
Revision Note	

No information available

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

SAFETY DATA SHEET

Harvard Chemical Research, Inc.

Issue Date 23-May-2014 **Revision Date** 01-Jan-2016 **Version** 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name CITRAZOV POWDER WITH DE-ZOV-ALL

Other means of identification

Product Code 8089
Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Powder Carpet Pre-Spray
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address
Harvard Chemical Research, Inc., 3595 Zip Industrial Blvd., Atlanta, GA 30354

Emergency telephone number

Company Phone Number 404-761-0657
24 Hour Emergency Phone Number 800-424-9300
Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2

Label elements

Emergency Overview

Warning

Hazard statements
Causes serious eye irritation

Appearance White Powder **Physical state** Granular **Odor** Citrus

Hazards not otherwise classified (HNOC)
Other Information
- May be harmful if swallowed
- Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Sodium Carbonate	497-19-8	<20	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact Rinse with clear water.

Inhalation Remove to fresh air. If breathing does not return to normal, seek medical attention.

Ingestion Immediately drink large quantities of water. Get medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
No information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

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 Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

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

Methods for cleaning up Shovel up into open head drum. Ph adjust and dispose in accordance with federal and state regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep out of reach of children. Do not freeze. Follow label instructions.

Incompatible materials Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear Neoprene or protective rubber gloves. Drenching safety shower and eye wash station.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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	Granular
Appearance	White Powder
Color	White
Odor	Citrus
Odor threshold	No information available

Property	Values	Remarks • Method
pH	12 (2oz per gallon dilution)	
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	NA	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	NA	
Vapor density	No information available	
Specific Gravity	0.12	
Water solubility	completely soluble	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	1.0
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity
No data available

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
Extremes of temperature and direct sunlight.

Incompatible materials
Strong acids.

Hazardous Decomposition Products
Carbon dioxide (CO2). Carbon monoxide. heat.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information No data available

Inhalation Causes irritation of respiratory tract and mucous membranes.

Eye contact Severely irritating to eyes.

Skin Contact No data available.

Ingestion Gastric pain and vomiting.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Carbonate 497-19-8	= 4090 mg/kg (Rat)	-	= 2300 mg/m^3 (Rat) 2 h

Information on toxicological effects

Symptoms No information available.

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

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.
Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity
The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium Carbonate 497-19-8	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static	265: 48 h Daphnia magna mg/L EC50

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Other adverse effects No information available

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 Do not reuse container.

Chemical Name	California Hazardous Waste Status
Sodium Carbonate 497-19-8	Corrosive

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

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

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

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)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA	**Health hazards**	0	**Flammability**	0	**Instability**	0	**Physical and Chemical Properties** -
HMIS	**Health hazards**	1	**Flammability**	0	**Physical hazards**	1	**Personal protection** X

Prepared By Moira Blackflower
Issue Date 23-May-2014
Revision Date 01-Jan-2016
Revision Note
No information available

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End of Safety Data Sheet

SAFETY DATA SHEET

Harvard Chemical Research, Inc.

Issue Date 19-May-2014 **Revision Date** 01-Jan-2016 **Version** 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name GRIME RELEASE PRO

Other means of identification

Product Code 2560
Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Prespray and Traffic Lane Cleaner
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address
Harvard Chemical Research, Inc., 3595 Zip Industrial Blvd., Atlanta, GA 30354

Emergency telephone number

Company Phone Number 404-761-0657
24 Hour Emergency Phone Number 800-424-9300
Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Label elements

Emergency Overview

Appearance Straw/Hazy **Physical state** liquid **Odor** Butyl

Hazards not otherwise classified (HNOC)

Other Information

• Causes mild skin irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Ethylene Glycol Monobutyl Ether	111-76-2	<10	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact Rinse with clear water.

Inhalation Remove to fresh air. If breathing does not return to normal, seek medical attention.

Ingestion Immediately drink large quantities of water. Get medical attention. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
No information available.

Explosion data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

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 Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

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

Methods for cleaning up Build a dike and transfer to suitable container for disposal according to local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep tightly closed in a dry and cool place. Keep out of reach of children. Do not freeze. Follow label instructions.

Incompatible materials Strong acids. OXIDIZERS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m^3 (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m^3 (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m^3

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles. Eye wash station.

Skin and body protection Wear Neoprene or protective rubber gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state liquid
Appearance Hazy
Color Straw
Odor Butyl
Odor threshold No information available

Property	Values	Remarks • Method
pH	9.5	
Melting point/freezing point	No information available	
Boiling point / boiling range	100 >212°F	
Flash point	No information available	
Evaporation rate	<1	

Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	>1
Specific Gravity	1.12
Water solubility	completely soluble
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	9.33
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Extremes of temperature and direct sunlight.

Incompatible materials
Strong acids. OXIDIZERS.

Hazardous Decomposition Products
Carbon dioxide (CO2). Carbon monoxide. heat.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	Irritation and difficulty in breathing.
Eye contact	Severely irritating to eyes.
Skin Contact	No data available.
Ingestion	Gastric pain and vomiting.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

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

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3	-	-

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity % of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

8% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Ethylene Glycol Monobutyl Ether 111-76-2	-	2950: 96 h Lepomis macrochirus mg/L LC50 1490: 96 h Lepomis macrochirus mg/L LC50 static	1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Chemical Name	Partition coefficient
Ethylene Glycol Monobutyl Ether 111-76-2	0.81

Other adverse effects No information available

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 Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

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

Chemical Name	SARA 313 - Threshold Values %
Ethylene Glycol Monobutyl Ether - 111-76-2	1.0

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

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)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

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
Ethylene Glycol Monobutyl Ether 111-76-2	X	X	X

U.S. EPA Label Information
EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 1	Flammability 0	Physical hazards 1	Personal protection X

Prepared By Moira Blackflower
Issue Date 19-May-2014
Revision Date 01-Jan-2016
Revision Note
No information available

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

SAFETY DATA SHEET

Issue Date March 8th 2015 **Revision Date** July 2nd, 2021 **Version** 5

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier

Product name	**my-shield® Broad Spectrum Disinfectant**
Product number	E-1010
UN/ID No	NA
Product Code	**E-1010**

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended Use: **Cleaner, antimicrobial and anti Viral surface treatment, approved for cargo & passenger aircraft use.**
1.3. Details of the supplier of the safety data sheet Supplier Address:

Smyth Consultants
105 Indian Wells Circle
Lexington NC 27295

1.4. Emergency telephone number
Emergency Telephone: +1 (888) 332-8332 (North America)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Not Hazardous
2.2. Label elements
None

Signal Word:

Hazard Statements
None
Precautionary Statements/Response
None.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures	**CAS #**	
Polyaminobiguanide	**27083-27-8**	**0.3% to 0.8%**
1-Octadecanamimium N,N dimethyl 3- trimethoxysilyl propyl chloride Quaternary ammonium compounds,	**27668-52-6**	**0.5% to 2.0%**

containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling,

Keep from Freezing above 0C /32F

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a well-ventilated place. Keep from freezing and direct sunlight.

Storage Class

Miscellaneous hazardous material storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters Ingredient Comments

No exposure limits noted for ingredient(s)

8.2. Exposure controls

Protective equipment

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

Respiratory equipment

None.

Hand protection

None.

Eye protection

None

Other Protection

Wear appropriate long sleeve clothing. **Hygiene measures**

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	cloudy
Odor	Slight
Odor Threshold	Not determined
pH	6.5-7.5
Melting point/freezing point	0°C/0°C
Boiling point/boiling range	100 °C
Flash point	100 °C
Evaporation rate	Similar to water
Flammability (solid, gas)	N/A
Flammability Limits in Air	
Upper flammability limits	N/A
Lower flammability limit	N/A
Vapor pressure	23 mmHg
Vapor density	23gm/m³
Specific Gravity	1.00-1.20
Water solubility	Soluble in water

Germ Cell Mutagenicity
Data is not available at this time

Carcinogenicity
Data is not available at this time. Not expected to be carcinogenic.

Reproductive Toxicity
Data is not available at this time. Not expected to have reproductive toxicity.

STOT-single exposure
Unclassified

STOT-repeated exposure
Unclassified

Aspiration Hazard
Data is not available at this time

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Acute Toxicity Daphnia magna OECD 202
Immobility
Data is not available at this time

Acute Toxicity Danio Rerio OECD 203
Data is not available at this time

Fresh water Algae Growth Desmodesmus subspicatus at 72 hours OECD 201
Data is not available at this time

12.2. Persistence and degradability
Degradability
Data is not available at this time

12.3. Bioaccumulative potential
Bioaccumulative potential
Data is not available at this time

12.4. Mobility in soil
Mobility: Data is not available at this time

12.5. Results of PBT and vPvB assessment
This product does not contain any PBT or vPvB substances

12.6. Other adverse effects
Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Factory Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Do not puncture or incinerate even when empty.

13.1. Waste treatment methods
Dispose of waste and residues in accordance with local authority require

US Federal Regulations SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 37.

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Not Listed			

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Not listed	Not listed	Not listed	Not listed

U.S. EPA Label Information

SECTION 16: OTHER INFORMATION

GHS Codes

Hazard Statements In Full

USA National Fire Prevention and OSHA

NFPA	**Health hazards**	**Flammability**	**Instability**	**Special Hazards**
	0	0	0	
HMIS	**Health hazards**	**Flammability**	**Physical hazards**	**Personal protection**
	0	0	0	

Issue Date	March 8th 2015
Revision Date	September 17th 2015 September 1st 2016
Revision Note	Additional information Toxicity/ Ecotoxicity info

Disclaimer

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End of Safety Data Sheet

MATERIAL SAFETY DATA SHEET

Version 2020 Revision Date 14.07.2020 Print Date 14.07.2020

1. Identification of the substance/mixture and of the company

1.1 Product identifier

Product name : Antibacterial Wash.

Volume of product: 1000ml

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the product : Use for personal skin cleaning.

Uses advised against: Use only as directed.

1.3 Details of the supplier of the maretial safety data sheet

Company	:	Shenzhen Lantern Science Co., Ltd.
Address	:	No.6 Qinglan 2nd Road, Industrial Zone, Pingshan District, Shenzhen, Guangdong Province, China, 518118.
Emergency Tel No.	:	086-755-33269999
Emergency Fax No.	:	086-755-83478982

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (OSHA, IARC or NTP) : Not a hazardous substance or mixture.

Classification (29 CFR 1910.1200) : Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) : Not a hazardous substance or mixture.

Other hazards : None known.

3. Composition/information on ingredients

3.1 Ingredients

INCI NAME	CAS No	Percentage - %
AQUA	7732-18-5	84.985
SODIUM LAURETH SULFATE	1335-72-4	6.000
ISOPROPYL ALCOHOL	67-63-0	3.000
COCAMIDOPROPYL BETAINE	61789-40-0	2.000
SODIUM C14-16 OLEFIN SULFONATE	68439-57-6	2.000

DECYL GLUCOSIDE	58846-77-8	1.000
CHLOROXYLENOL	88-04-0	0.500
HYDROGENATED CASTOR OIL	8001-78-3	0.200
DMDM HYDANTOIN	6440-58-0	0.300
CITRIC ACID	77-92-9	0.015

***The exact weight (%) of composition has been withheld as a trade secret.**

4. First aid measures

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air. If symptoms persist, call a physician.

In case of eye contact : Wash off with plenty of water. Keep eye wide open while rinsing. Remove contact lenses. Protect unharmed eye. If symptoms persist, get medical attention.

If swallowed : Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No specific symptoms known.

5. Firefighting measures

5.1 Suitable extinguishing media

Dry powder, "alcohol resistant" foam, blanketor carbon dioxide; water may be ineffective, but water applied as aspray can absorb some of the fire's heat and should be used to keep fire-exposed containers cool.

5.2 Unsuitable extinguishing media

CAUTION: use of water spray when fighting fire may be inefficient.

5.3 Specific hazards arising from the chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition.

In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.4 Explosion data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: Yes.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

NFPA Rating: Health:0 Fire:0 Instability:0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Use personal protective equipment as required. See Section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequateventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate are). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

6.2 Environmental precautions

Try to prevent the material from entering drains or water courses. Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3 Methods and materials for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area.

6.4 Reference to other sections

For personal protection see section 8.

For disposal considerations see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	: For personal protection see section 8.
Advice on protection against fire and explosion	: Product will burn under fire conditions.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	: Protect from humidity. Keep container tightly closed and dry. Keep away from heat, sparks, flame and other sources of ignition.

Advice on common storage : No special restrictions on storage with other products.

Storage temperature : Under normal temperature.

7.3 Specific end use(s)

Specific end use(s) : Not applicable

8. Exposure controls/personal protection

8.1 Control Parameters

Exposure Guidelines: There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

8.2 Appropriate Engineering Controls

Engineering Measures: showers, eyewash stations, ventilation systems

8.3 Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Tight sealing safety goggles.

Skin and Body Protection: Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistantapron. Impervious gloves. Antistatic boots.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approvedrespiratory protection should be worn. Positive-pressure supplied air respirators may berequired for high airborne contaminant concentrations. Respiratory protection must beprovided in accordance with current local regulations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink orsmoke when using this product. Contaminated work clothing should not be allowed out ofthe workplace. Regular cleaning of equipment, work area and clothing is recommended.

Wash hands before breaks and immediately after handling the product.

8.4 Personal Protective Equipment (PPE)

Eye/Face Protection: None needed under normal use.

Skin Protection: None needed under normal use.

Respiratory Protection: None needed under normal use.

General Hygiene Considerations: None needed under normal use.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	Liquid.
Colour	:	Colourless.
Odour	:	Characteristic odor.
Odour Threshold	:	No information available.
pH	:	6.0 ~ 7.5 .(at 25°C, 10% water solution).
Freezing point	:	<-10 °C .(at 1030 hPa; OECD Test Guideline 102).
Boiling point/boiling range	:	110~125 °C .(at 1030 hPa; OECD Test Guideline 103).
Flash point	:	No information available.
Evaporation rate	:	Not determined.
Lower explosion limit	:	Not determined.
Upper explosion limit	:	Not determined.
Vapour pressure	:	No information available.
Relative vapour density	:	No information available.
Density	:	1.00-1.01 g/cm^3 . (at 25 °C).
Water solubility	:	Easily soluble .(22 °C; OECD Test Guideline 105).
Solubility in other solvents :		
Methanol	:	Easily soluble.
Ethanol	:	Easily soluble.
Diethylether	:	Slightly soluble.
Oils and fats	:	Insoluble.
Auto-ignition temperature	:	Not available.
Ignition temperature	:	> 410 °C .(at 1030 hPa, Tested according to Directive 92/69/EEC.).
Thermal decomposition		
Viscosity, dynamic(3#12r/min)	:	Not available.
Explosive properties	:	Not available.
Oxidizing properties	:	Not available.

9.2 Other information

No other information.

10. Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Possible incompatibility with materials listed under section 10.5.

10.4 Conditions to avoid

Heat and straight sunlight.

10.5 Incompatible materials

Strong acids and strong bases.

Strong oxidizing agents.

10.6 Hazardous decomposition products

No decomposition if used as directed.

11. Toxicological information

*There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

11.1 Information on likely routes of exposure

Inhalation : Specific test data for the substance or mixture is not available.

Eye contact : Specific test data for the substance or mixture is not available.

Skin contact : Specific test data for the substance or mixture is not available.

Ingestion : Specific test data for the substance or mixture is not available.

11.2 Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Glycerin 56-81-5	27,200 mg/kg (Rat)	> 56,750 mg/kg(Guinea pigs)	> 2.75 mg/kg (4 h)(Rat)
DMDM HYDANTOIN 6440-58-0	2890 mg/kg(Rat)	> 2 0000 mg/kg(Rabbit)	/

11.3 Information on toxicological effects

Symptoms :No information available.

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

Sensitization : No information available.

Mutagenic Effects : No information available.

Carcinogenicity : The table below indicates whether each agency has listed any ingredient as a carcinogen.Ethanol has been shown to be carcinogenic in long-term studies ONLY when consumed asalcoholic beverage.
ACGIH (American Conference of Governmental Industrial Hygienists) : A3 – Animal Carcinogen
IARC (International Agency for Research on Cancer):
Group 1 - Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
NTP (National Toxicology Program) : Known - Known Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor) : X - Present
Reproductive toxicity : No information available.
STOT - single exposure : No information available.
STOT - repeated exposure : No information available.
Chronic Toxicity : No known effect based on information supplied.
Target Organ Effects : None known.
Aspiration Hazard : No information available.

12. Ecological information

*There is no ecological data on the product. The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

12.1 Ecotoxicity : Not toxic to aquatic organisms.

12.2 Persistence and degradability : No information available.

12.3 Bioaccumulation : No information available.

12.4 Other adverse effects : No information available.

13. Disposal considerations

13.1 Disposal Methods

Consult federal, state and local regulations, and dispose in compliance with these regulations.

EPA Hazardous Waste: Liquid waste is classified as an ignitable waste. Spill residues, including absorbent used to absorb spills may be hazardous waste. Consult with a reliable hazardous waste disposal firm or with local and state authorities.

13.2 Contaminated Packaging: Dispose of contents/containers in accordance with legal reglations.

13.3 US EPA Waste Number: No information available

13.4 California Hazardous Waste Codes: No information available

This product contains no substances that are listed within the State of California as a hazardous waste.

14. Transport information

14.1 UN number

ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.2 Proper shipping name

ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.3 Transport hazard class

ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.4 Packing group

ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.5 Environmental hazards

ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

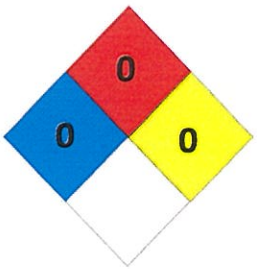
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

NFPA Classification : Health hazard : 0
Fire Hazard : 0
Reactivity Hazard : 0



15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

15.3 International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL.
IECSC -
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
US Federal Regulations
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): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40CFR 122.42)
CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the ComprehensiveEnvironmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments andReauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state levelpertaining to releases of this material.

16. Other information

16.1 General Disclaimer

The data contained within this MSDS is believed to be accurate and is given in good faith. No warranty, expressed or implied is made. Nothing within this document constitutes medical advice. Since use conditions vary unforeseeably, an industrial health and safety professional should evaluate specific industrial use conditions.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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solely for your consideration, investigation, and verification. RJS Standard Testing & Certification Center assumes no legal responsibility for use or reliance upon this data.

16.2 Prepared by: Shenzhen Lantern Science Co.,Ltd.

SDS Report

Issue date: Feb. 08, 2018

Service requested:	Safety Data Sheet for the Product
Version :	1.0
Applicant:	CWGC LA INC. DBA Sierra Health Corp.
Product name:	SIERRA SOFT HAND WASH FOAM, 1 L
Product Item #:	HS861661
Product use:	Hand washing and cleaning
Job receiving date:	Feb. 01, 2018
Preparation period:	Feb. 05, 2018~ Feb. 08, 2018
Composition/Ingredient:	Refer to SDS content
Issued by:	Nande (China) Service of Testing Yinfeng Ind Zone, Hangcheng Street, Gushu, Xixiang, Bao'an Dist, Shenzhen, China

Written by: Linda
(Linda)

Inspected by: Jose
(Jose)

Approved by: Greaty
(Greaty)

Shenzhen Nande Standards Technical Services Co., Ltd. APPROVED

Safety Data Sheet

Product name: SIERRA SOFT HAND WASH FOAM, 1 L

SDS No.: E88.160.408.009.SHI Revision date: Feb. 08, 2018

Section 1 - Product and Company Identification

Product name: SIERRA SOFT HAND WASH FOAM, 1 L

Model No.: 1L

Trade: SIERRA SOFT

Applicant: CWGC LA INC. DBA Sierra Health Corp.

Address: 187 W Orangethorpe Ave Suites C & D, Placentia, CA 92870 ,USA

Fax: 714-646-9006 Fax: 951-572-3766

Post code: 92870 E-mail: cwgcla@yahoo.com

Product used: hand washing and cleaning

Section 2 – Hazard(s) Identification

2.1. GHS Classification:

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

The substance is not classified as hazardous to health or the environment according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.

Information concerning particular hazards for human and environment: No information known.

Other hazards that do not result in classification: No information known.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008: Not applicable

Hazard pictograms: Not applicable.

Signal word: Not applicable.

Hazard statements: Not applicable.

2.3. Other Hazards: None.

Section 3 - Composition / Ingredient Data

Material √ Mixture

Chemical name	CAS No.	Concentration (%)
Water	7732-18-5	88.2496%

Sodium Laureth Sulfate	13150-00-0	8.0%
Cocamidopropyl Betaine	86438-79-1	2.0%
Propylene Glycol	57-55-6	0.5%
Glycerin	56-81-5	0.5%
PEG-12 Dimethicone Crosspolymer	-	0.3%
DMDM Hydantoin	6440-58-0	0.3%
Fragrance	-	0.15%
FD&C Blue No. 1	-	0.0004%

Section 4 - First Aid Measures

4.1. General advice: Show this safety data sheet to the doctor in attendance. After receiving the first-aid measure required, consult a physician if necessary.

4.2. Skin contact: Flush contaminated skin with plenty of water. If irritation persists, seek medical/advice attention.

4.3. Eyes contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

4.4. Inhalation: Move to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

4.5. Ingestion: If swallowed: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Immediately call a doctor/physician

4.6. Most important acute and delayed symptoms/effects: The most important known symptoms and effects are described in section 11

4.7. Immediate / special treatment: Continue with first aid measures. Treat symptomatically and supportively. Symptoms may be delayed.

Section 5 – Firefighting Measures

5.1. Hazardous characteristics: Not dangerous chemicals.

5.2. Extinguishing method and extinguishing agent:

The product is not flammable, if in fire

Suitable extinguishing media: Use dry sand, dry chemical or CO_2 foam extinguishing. Water spray can be used to cool fire exposed containers/materials. Use extinguishing media most appropriate for the

surrounding fire.

Unsuitable extinguishing media: None.

5.3. Special hazards arising from the substance or mixture: Carbon oxides.

5.4. Fire precautions and measures: Firefighters must wear self-contained breathing apparatus, wear full body fire suit, fire extinguishing in the upwind. As far as possible will be transferred to empty containers from the scene. Keep the fire water spray container cooling, until the end of fire.

Section 6 - Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures: Isolation leakage zone. Ensure there is proper ventilation of the area. Recommended emergency personnel wearing protective equipment. Do not touch or walk through spilled material. As far as possible, shut off the leak source. To prevent leaks into water, sewers, basements or confined space. Avoid breathing vapor, mist or gas. In all operation, wear suitable protective equipment.

6.2. Environmental precautions: Prevent further leakage or spillage if safe to do so. To prevent leak into the water, sewage, the basement and limited space.

6.3. Collecting, clearing method and disposal material: Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. 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. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Disposal: Contaminated material must be disposed of in accordance with all State and/or Local regulations.

Section 7 - Handling and Storage

7.1. Precautions for 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. Persons with a history of skin

sensitization problems should not be employed in any process in which this product is used. Do not get in eyes. Do not ingest. Avoid breathing vapour or mist.

7.2. Information about protection against explosions and fires:

Non-inflammable and explosive. Compliance with fire regulations.

7.3. Precautions for storage: 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children.

7.4. Packaging materials: Recommended-Use original container.

Section 8 - Exposure Controls/ Personal Protection

8.1. Exposure limit: Glycerin: ACGIH TLV-TWA 10 mg/m3, Inhalable particulate;

OSHA PEL (Gen Indu): 8H TWA 15 mg/m^3, total dust.

8.2. Engineering control: The production process is sealed, general ventilation. Provide safety shower and eyewash equipment.

8.3. Respiratory protection: Use a respirator with an approved filter in high concentration environment.

8.4. Eye protection: Wear safety glasses when there is a potential for eye contact.

8.5. Skin and body Protection: Suitable protective clothing.

8.6. 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.

8.7. Remark: No specific protective equipment for product is required under normal use conditions.

8.8. Hygiene Measures: Avoid contact with eyes. Wash hands before breaks and at the end of work.

Section 9 - Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Liquid, blue
Odor:	Fragrance

Melting point / freezing point(℃):	<0
Boiling Point:	No data available/Not applicable
Flash point(Closed cup, ℃):	>96
Steam pressure:	No data available/Not applicable
Relative density (water=1, 20℃):	No data available/Not applicable
Partition coefficient: n-octanol/water:	No data available/Not applicable
Decomposition temperature(℃):	No data available/Not applicable
pH value:	No data available/Not applicable
Initial boiling point(℃):	No data available/Not applicable
Explosion limit:	Non-explosive
Vapor density:	No data available/Not applicable
Water soluble:	Miscible
Auto-ignition temperature(℃):	No data available/Not applicable
Flammability (solid, gas):	No data available/Not applicable
Oxidizing properties:	No data available/Not applicable

9.2. Other safety information

No data available/Not applicable

Section 10 - Stability and Reactivity

10.1. Stability: Stable under normal temperature and normal use.

10.2. Possibility of hazardous reactions: No dangerous reaction is known under conditions of normal use.

10.3. Incompatible materials: Strong oxidizing agents.

10.4. Conditions to avoid: Direct sunlight, high temperature and open fire.

10.5. Hazardous polymerization: Will not occur.

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 likely routines of exposure: Inhalation, eye contact, skin contact.

11.2. Potential Health Effects

Eyes: Cause of irritation.

Skin: Allergic persons to the substances contained, may be irritating to skin. Will not irritate to skin under normal conditions

Ingestion: Health injuries are not known or expected under normal use.

Inhalation: Health injuries are not known or expected under normal use.

Chronic exposure: Health injuries are not known or expected under normal use.

11.3. Experience with Human Exposure

Eye contact: Redness, irritation.

Skin contact: No symptoms known or expected.

Ingestion: No symptoms known or expected.

Inhalation: No symptoms known or expected.

11.4. Toxicity

Acute oral toxicity: Sodium Laureth Sulfate: Oral-rat LD50 1820mg/kg.

DMDM Hydantoin: Oral-rat LD50 2000g/kg.

Propylene Glycol: Oral-mouse LD50 22000g/kg, Oral-rat LD50 20000mg/kg.

Glycerin: Oral-rabbit LD50 27000mg/kg, Oral-mouse LD50 4090mg/kg, Oral-rat LD50 12600mg/kg.

Acute inhalation toxicity: Glycerin: Inhalation-rat LC50>570 mg/m^3/1H.

Acute dermal toxicity: No data available

Skin corrosion/irritation: Glycerin: Skin-rabbit 500mg/24h mild, Standard Draize test.

Serious eye damage/eye irritation: Propylene Glycol: Eye-rabbit 500mg/24h mild, Standard Draize test.

Glycerin: Eye-rabbit 500mg/24h mild, Standard Draize test.

Respiratory or skin sensitization: No data available.

11.5. Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

OSHA: No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

11.6. Germ cell mutagenicity: According to the existing data, the product is not classified.

11.7. Reproductive toxicity: According to the existing data, the product is not classified.

11.8. Specific target organ toxicity - single exposure:

According to the existing data, the product is not classified.

11.9. Specific target organ toxicity - repeated exposure:

According to the existing data, the product is not classified.

11.10. Aspiration hazard: According to the existing data, the product is not classified.

Section 12 - Ecological Information

12.1. Ecotoxicity values: This material is not expected toxic to aquatic life.

12.2.Persistence and degradability: The organic part of the products are usually with natural biodegradable.

12.3 Bioaccumulative potential: The potential for bioaccumulation of this material in aquatic organisms is low.

12.4. Mobility in soil: Will penetrate the soil, will be dissolved in the soil material.

12.5. Other adverse effects: Without government permission, do not dispose directly into rivers, watercourses or drains.

Section 13 - Disposal Considerations

13.1. Waste: Non-hazardous waste. The generation of waste should be avoided or minimized wherever possible. Transfer to a suitable container and arrange for collection by specialized disposal company.

13.2. Contaminated packaging: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

13.3. Disposal considerations: Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with national and local relevant regulations laws.

Section 14 - Transport Information

Regulations	IMDG Code	ADR/RID
UN No.	Not regulated	Not regulated
Proper Shipping Name	Not regulated	Not regulated
Hazard Class	Not regulated	Not regulated
Packing Group	Not regulated	Not regulated
Packing method	Not regulated	Not regulated

Environmental hazards	All ingredients are not known marine pollutant according to IMDG Code (International Maritime Dangerous Goods Code) and environmentally hazardous substance according to AND (European Provisions Concerning the International Carriage of Dangerous Goods on Inland Waterway)
Notes	No information

Section 15 - Regulatory Information

15.1. European Regulations:

Regulatory information: Reference to the local, national, US, EU, CA and international regulations.

CAS No.	TSCA	IECSC	EINECS/ ELINCS/ NLP	DSL/NDSL
7732-18-5	Listed	Listed	Listed	Listed in DSL
13150-00-0	Listed	Listed	Listed	Listed in NDSL
86438-79-1	Listed	Listed	Unlisted	Listed in NDSL
57-55-6	Listed	Listed	Unlisted	Listed in NDSL
56-81-5	Listed	Listed	Listed	Listed in DSL
6440-58-0	Listed	Listed	Listed	Listed in DSL

Section 16 - Other Information

Abbreviations or phrases:

ACGIH : American Conference of Governmental Industrial Hygienists

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS : Chemical Abstracts Service

CLP : Classification, labeling and packaging

EC : Council of Europe

ECHA : European Chemicals Agency

EINECS : European Inventory of Existing commercial Chemical Substances

GHS : Globally Harmonized System of Classification and Labilling of Chemicals

IARC : International Agency for Research on Cancer

IATA : International Air Transport Association

ICAO : International Civil Aviation Organization

IMDG	:	International Maritime Dangerous Goods Code
IC50	:	Inhibitory Concen Triton 50%
LC50	:	Lethal Concentration 50%
LD50	:	Median Lethal Dose 50%
MAPROL	:	International Convention for the Prevention of Pollution from Ships
REACH	:	REGULATION concerning the Registration, Evaluation, Authorization and Restriction of Chemicals
RID	:	Regulation for rail International transportation of Dangerous goods
STEL	:	Short Term Exposure Limit
TWA	:	Time Weighted Average
MAC	:	Maximum Allowable Concentration
OSHA	:	Occupational Safety and Health Administration
ACGIH	:	American Conference of Governmental Industrial Hygienists (USA)
NTP	:	National Toxicology Program (USA)
IARC	:	International Agency for Research on Cancer
EPA	:	Environmental Protection Agency (USA)
NIOSH	:	National Institute for Occupational Safety and Health
TLV	:	Threshold Limit Value
TLV-TWA	:	Threshold Limit Value-Time Weighted Average
TLV- STEL	:	Threshold Limit Value-Short term Exposure Limit
PC-TWA	:	Permissible Concentration-Time Weighted Average
PC-STEL	:	Permissible Concentration-Short Term Exposure Limit
PEL	:	Permissible Exposure Limit
OELs	:	Occupational Exposure Limits

The report is invalid when anything of the following happens-illegal transfer, reproduction, embezzlement, imposture, modification or tampering in any media form.

The above information is believed to be correct but we can not guarantee the absolute universality and accuracy and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The above-named manufacturer and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

*** End of Report***

SAFETY DATA SHEET

Version 2020 Revision Date 29.04.2020 Print Date 29.04.2020

1. Identification of the substance/mixture and of the company

1.1 Product identifier

Product name : FOAMING HAND SANITIZER .

Volume of product: 33.8 FL OZ .

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the product : Use for personal skin cleaning.

Uses advised against: Use only as directed.

1.3 Details of the supplier of the maretial safety data sheet

Company	:	Shenzhen Lantern Science Co., Ltd.
Address	:	No.6 Qinglan 2nd Road, Industrial Zone, Pingshan District, Shenzhen, Guangdong Province, China, 518118.
Emergency Tel No.	:	086-755-33269999
Emergency Fax No.	:	086-755-83478982

2. Hazards identification

In accordance with Regulation (EC) No. 1272/2008,the sample is divided into the following hazard category.

GHS classification : Flammable liquid, Category 2
Physical hazard : Flammable liquid, Category 2, H228
Health hazard : Eye irritation (Category 2),H319
Environment hazard : Not classified as a environment hazard class.

Pictogram :

Signal word : Danger
Hazard statement : Highly flammable liquids and vapours
H228 Flammable liquid.
H319 Causes serious eye irritation.

Precautionary statement:

Prevention

P210 Keep away from heat sources, hot surfaces, sparks, open flames and other ignition sources. No Smoking.

P233 Keep container closed.

P240 Grounding and equipotential connection of container and loading equipment

P241 Use explosion-proof electrical / ventilation / lighting equipment.
P242 Use non sparking tools.
P243 Take action to prevent electrostatic discharge.
P280 Wear protective gloves/protective clothing /eye mask.

3. Composition/information on ingredients

3.1 Ingredients

INCI NAME	CAS No	Percentage - % -v/v
ALCOHOL	64-17-5	70
AQUA	7732-18-5	25.5
ISOPROPYL ALCOHOL	67-63-0	0.5
PROPYLENE GLYCOL	57-55-6	0.5
PEG-12 DIMETHICONE CROSSPOLYMER	N/A	1.0
BIS-PEG-12 DIMETHICONE	N/A	1.5

***The exact weight (%) of composition has been withheld as a trade secret.**

4. First aid measures

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.
If inhaled : Move to fresh air. If symptoms persist, call a physician.
In case of eye contact : Wash off with plenty of water. Keep eye wide open while rinsing. Remove contact lenses. Protect unharmed eye. If symptoms persist, get medical attention.
If swallowed : Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No specific symptoms known.

5. Firefighting measures

5.1 Suitable extinguishing media

Dry powder, "alcohol resistant" foam, blanketor carbon dioxide; water may be ineffective, but water applied as aspray can absorb some of the fire's heat and should be used to keep fire-exposed containers cool.

5.2 Unsuitable extinguishing media

CAUTION: use of water spray when fighting fire may be inefficient.

5.3 Specific hazards arising from the chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition.

In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.4 Explosion data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: Yes.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

NFPA Rating: Health:0 Fire:0 Instability:0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Use personal protective equipment as required. See Section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequateventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate are). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

6.2 Environmental precautions

Try to prevent the material from entering drains or water courses. Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3 Methods and materials for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area.

6.4 Reference to other sections

For personal protection see section 8.

For disposal considerations see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	: For personal protection see section 8.
Advice on protection against fire and explosion	: Product will burn under fire conditions.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	: Protect from humidity. Keep container tightly closed and dry. Keep away from heat, sparks, flame and other sources of ignition.
Advice on common storage	: No special restrictions on storage with other products.
Storage temperature	: Under normal temperature.

7.3 Specific end use(s)

Specific end use(s)	: Not applicable

8. Exposure controls/personal protection

8.1 Control Parameters

Exposure Guidelines: There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

8.2 Appropriate Engineering Controls

Engineering Measures: showers, eyewash stations, ventilation systems

8.3 Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Tight sealing safety goggles.

Skin and Body Protection: Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistantapron. Impervious gloves. Antistatic boots.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approvedrespiratory protection should be worn. Positive-pressure supplied air respirators may berequired for high airborne contaminant concentrations. Respiratory protection must beprovided in accordance with current local regulations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink orsmoke when using this product. Contaminated work clothing should not be allowed out ofthe workplace. Regular cleaning of equipment, work area and clothing is recommended.

Wash hands before breaks and immediately after handling the product.

8.4 Personal Protective Equipment (PPE)

Eye/Face Protection: None needed under normal use.

Skin Protection: None needed under normal use.

Respiratory Protection: None needed under normal use.

General Hygiene Considerations: None needed under normal use.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	Transparent liquid.
Colour	:	Colorless.
Odour	:	Characteristic odor.
Odour Threshold	:	No information available.
pH	:	5~ 8 (at 25°C, 10% water solution).
Freezing point	:	Not determined.
Boiling point/boiling range	:	>45 °C .(at 1030 hPa; OECD Test Guideline 103).
Flash point	:	<17 °C.
Evaporation rate	:	Not determined.
Lower explosion limit	:	Not determined.
Upper explosion limit	:	Not determined.
Vapour pressure	:	No information available.
Relative vapour density	:	No information available.
Density	:	0.85-0.95 g/cm^3 . (at 25 °C).
Water solubility	:	Easily soluble .(22 °C; OECD Test Guideline 105).
Solubility in other solvents :		
Methanol	:	Easily soluble.
Ethanol	:	Easily soluble.
Diethylether	:	Slightly soluble.
Oils and fats	:	Insoluble.
Auto-ignition temperature	:	Not available.
Ignition temperature	:	Not determined.

Thermal decomposition

Viscosity, dynamic(3#12r/min) : mPa·s .(at 25 °C).

Explosive properties : Not available.

Oxidizing properties : Not available.

9.2 Other information

No other information.

10. Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Possible incompatibility with materials listed under section 10.5.

10.4 Conditions to avoid

Heat and straight sunlight.

10.5 Incompatible materials

Strong acids and strong bases.

Strong oxidizing agents.

10.6 Hazardous decomposition products

No decomposition if used as directed.

11. Toxicological information

*There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

11.1 Information on likely routes of exposure

Inhalation : Specific test data for the substance or mixture is not available.

Eye contact : Specific test data for the substance or mixture is not available.

Skin contact : Specific test data for the substance or mixture is not available.

Ingestion : Specific test data for the substance or mixture is not available.

11.2 Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohol 64-17-5	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h

Glycerin 56-81-5	27,200 mg/kg (Rat)	> 56,750 mg/kg(Guinea pigs)	> 2.75 mg/kg (4 h)(Rat)

11.3 Information on toxicological effects

Symptoms :No information available.

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

Sensitization : No information available.

Mutagenic Effects : No information available.

Carcinogenicity : The table below indicates whether each agency has listed any ingredient as a carcinogen.Ethanol has been shown to be carcinogenic in long-term studies ONLY when consumed asalcoholic beverage.

ACGIH (American Conference of Governmental Industrial Hygienists) : A3 – Animal Carcinogen

IARC (International Agency for Research on Cancer):

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program) : Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor) : X - Present

Reproductive toxicity : No information available.

STOT - single exposure : No information available.

STOT - repeated exposure : No information available.

Chronic Toxicity : No known effect based on information supplied.

Target Organ Effects : None known.

Aspiration Hazard : No information available.

12. Ecological information

*There is no ecological data on the product. The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

12.1 Ecotoxicity : Not toxic to aquatic organisms.

12.2 Persistence and degradability : No information available.

12.3 Bioaccumulation : No information available.

12.4 Other adverse effects : No information available.

13. Disposal considerations

13.1 Disposal Methods

Consult federal, state and local regulations, and dispose in compliance with these regulations.

EPA Hazardous Waste: Liquid waste is classified as an ignitable waste. Spill residues, including absorbent used to absorb spills may be hazardous waste. Consult with a reliable hazardous waste disposal firm or with local and state authorities.

13.2 Contaminated Packaging: Dispose of contents/containers in accordance with legal reglations.

13.3 US EPA Waste Number: No information available

13.4 California Hazardous Waste Codes: No information available

This product contains no substances that are listed within the State of California as a hazardous waste.

14. Transport information

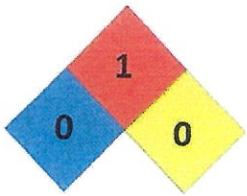
Regulations	US Dot	IATA DGR	ImDG Code
UN No.	UN1170	UN1170	UN1170
Hazard Class	3	3	3
Shipping Name	Ethanol solution	Ethanol solution	Ethanol solution
Packing Group	II	II	II

Transportation precautions: Carry protective equipment and fire extinguisher.Check containers for leaks before shipping and loading.Proper measures shall be taken to prevent easy damage during transportation.Protection from sun, rain and high temperature.Do not transport with strong oxidizer.Comply with relevant regulations of ICAO ,IMDG,RID,ADR,AND during transportation.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

NFPA Classification : Health hazard : 0
Fire Hazard : 1
Reactivity Hazard : 0



15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

15.3 International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL.
IECSC -
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
US Federal Regulations

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): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40CFR 122.42)
CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the ComprehensiveEnvironmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments andReauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state levelpertaining to releases of this material.

16. Other information

16.1 General Disclaimer

The data contained within this MSDS is believed to be accurate and is given in good faith. No warranty, expressed or implied is made. Nothing within this document constitutes medical advice. Since use conditions vary unforeseeably, an industrial health and safety professional should evaluate specific industrial use conditions.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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16.2 Prepared by: Shenzhen Lantern Science Co.,Ltd.

MATERIAL SAFETY DATA SHEET

Version 2020 Revision Date 14.07.2020 Print Date 14.07.2020

1. Identification of the substance/mixture and of the company

1.1 Product identifier

Product name : HAND & BODY LAVENDER.

Volume of product: 1000ml

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the product : Use for personal skin cleaning. Uses advised against: Use only as directed.

1.3 Details of the supplier of the maretial safety data sheet

Company	:	Shenzhen Lantern Science Co., Ltd.
Address	:	No.6 Qinglan 2nd Road, Industrial Zone, Pingshan District, Shenzhen, Guangdong Province, China, 518118.
Emergency Tel No.	:	086-755-33269999
Emergency Fax No.	:	086-755-83478982

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (OSHA, IARC or NTP) : Not a hazardous substance or mixture.

Classification (29 CFR 1910.1200) : Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) : Not a hazardous substance or mixture.

Other hazards : None known.

3. Composition/information on ingredients

3.1 Ingredients

INCI Name	Cas No	Percentage - %
AQUA	7732-18-5	88.2496
SODIUM LAURETH SULFATE	68891-38-3	8.0000
GLYCERIN	56-81-5	0.5000
PROPYLENE GLYCOL	57-55-6	0.5000
COCAMIDOPROPYL BETAINE	61789-40-0	2.0000
PEG-12 DIMETHICONE CROSSPOLYMER	N/A	0.3000

DMDM HYDANTOIN	6440-58-0	0.3000
PARFUM	N/A	0.1500
CI 42090	3844-45-9	0.0004

***The exact weight (%) of composition has been withheld as a trade secret.**

4. First aid measures

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air. If symptoms persist, call a physician.

In case of eye contact : Wash off with plenty of water. Keep eye wide open while rinsing. Remove contact lenses. Protect unharmed eye. If symptoms persist, get medical attention. If swallowed : Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No specific symptoms known.

5. Firefighting measures

5.1 Suitable extinguishing media

Dry powder, "alcohol resistant" foam, blanketor carbon dioxide; water may be ineffective, but water applied as aspray can absorb some of the fire's heat and should be used to keep fire-exposed containers cool.

5.2 Unsuitable extinguishing media

CAUTION: use of water spray when fighting fire may be inefficient.

5.3 Specific hazards arising from the chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition.

In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.4 Explosion data:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: Yes.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Colour	:	Blue.
Odour	:	Characteristic odor.
Odour Threshold	:	No information available.
pH	:	6.0 ~ 7.5 .(at 25°C, 10% water solution).
Freezing point	:	<-10 °C .(at 1030 hPa; OECD Test Guideline 102).
Boiling point/boiling range	:	110~125 °C .(at 1030 hPa; OECD Test Guideline 103).
Flash point	:	No information available.
Evaporation rate	:	Not determined.
Lower explosion limit	:	Not determined.
Upper explosion limit	:	Not determined.
Vapour pressure	:	No information available.
Relative vapour density	:	No information available.
Density	:	1.00-1.01 g/cm^3. (at 25 °C).
Water solubility	:	Easily soluble .(22 °C; OECD Test Guideline 105).
Solubility in other solvents :		
Methanol	:	Easily soluble.
Ethanol	:	Easily soluble.
Diethylether	:	Slightly soluble.
Oils and fats	:	Insoluble.
Auto-ignition temperature	:	Not available.
Ignition temperature	:	> 410 °C .(at 1030 hPa, Tested according to Directive 92/69/EEC.).
Thermal decomposition		
Viscosity, dynamic(3#12r/min)	:	Not available.
Explosive properties	:	Not available.
Oxidizing properties	:	Not available.

9.2 Other information

No other information.

10. Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Possible incompatibility with materials listed under section 10.5.

10.4 Conditions to avoid

Heat and straight

sunlight.

10.5 Incompatible materials

Strong acids and strong bases.

Strong oxidizing agents.

10.6 Hazardous decomposition products

No decomposition if used as directed.

11. Toxicological information

*There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

11.1 Information on likely routes of exposure

Inhalation : Specific test data for the substance or mixture is not available.

Eye contact : Specific test data for the substance or mixture is not available.

Skin contact : Specific test data for the substance or mixture is not available.

Ingestion : Specific test data for the substance or mixture is not available.

11.2 Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
GLYCERIN 56-81-5	27,200 mg/kg (Rat)	> 56,750 mg/kg(Guinea pigs)	> 2.75 mg/kg (4 h)(Rat)
PROPYLENE GLYCOL 57-55-6	22 000 mg/kg(Rat)	> 2 000 mg/kg (rabbit)	/
DMDM HYDANTOIN 6440-58-0	2890 mg/kg(Rat)	> 2 0000 mg/kg(Rabbit)	/

11.3 Information on toxicological effects

Symptoms :No information available.

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

Sensitization : No information available.

Mutagenic Effects : No information available.

Carcinogenicity : The table below indicates whether each agency has listed any ingredient as a carcinogen.Ethanol has been shown to be carcinogenic in long-term studies ONLY when consumed asalcoholic beverage.

ACGIH (American Conference of Governmental Industrial Hygienists) : A3 – Animal Carcinogen

IARC (International Agency for Research on Cancer):

Group 1 - Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
NTP (National Toxicology Program) : Known - Known Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor) : X - Present
Reproductive toxicity : No information available.
STOT - single exposure : No information available.
STOT - repeated exposure : No information available.
Chronic Toxicity : No known effect based on information supplied.
Target Organ Effects : None known.
Aspiration Hazard : No information available.

12. Ecological information

*There is no ecological data on the product. The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

12.1 Ecotoxicity : Not toxic to aquatic organisms.

12.2 Persistence and degradability : No information available.

12.3 Bioaccumulation : No information available.

12.4 Other adverse effects : No information available.

13. Disposal considerations

13.1 Disposal Methods

Consult federal, state and local regulations, and dispose in compliance with these regulations.

EPA Hazardous Waste: Liquid waste is classified as an ignitable waste. Spill residues, including absorbent used to absorb spills may be hazardous waste. Consult with a reliable hazardous waste disposal firm or with local and state authorities.

13.2 Contaminated Packaging: Dispose of contents/containers in accordance with legal reglations.

13.3 US EPA Waste Number: No information available

13.4 California Hazardous Waste Codes: No information available

This product contains no substances that are listed within the State of California as a hazardous waste.

14. Transport information

14.1 UN number

ADR : Not dangerous goods

RID : Not dangerous goods

IMDG : Not dangerous goods
IATA : Not dangerous goods

14.2 Proper shipping name
ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.3 Transport hazard class
ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.4 Packing group ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.5 Environmental hazards
ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

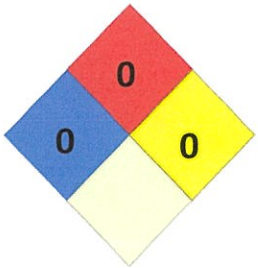
14.6 Special precautions for user
Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Remarks : Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

NFPA Classification : Health hazard : 0 Fire Hazard : 0
Reactivity Hazard : 0



15.2 Chemical Safety Assessment
A Chemical Safety Assessment is not required for this substance.

15.3 International Inventories
TSCA Complies
DSL All components are listed either on the DSL or NDSL.
IECSC -
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
US Federal Regulations
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): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40CFR 122.42)
CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the ComprehensiveEnvironmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments andReauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state levelpertaining to releases of this material.

16. Other information

16.1 General Disclaimer

The data contained within this MSDS is believed to be accurate and is given in good faith. No warranty, expressed or implied is made. Nothing within this document constitutes medical advice. Since use conditions vary unforeseeably, an industrial health and safety professional should evaluate specific industrial use conditions.

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16.2 Prepared by: Shenzhen Lantern Science Co.,Ltd.