

Version 1.0	SDS Number: 400000005934	Revision Date: 09/10/2020	

# **SECTION 1. IDENTIFICATION**

Product name	:	GOJO® SKILCRAFT® Luxury Foam Antibacterial Handwash
Product code	:	3143-0102 (8520-01-556-2576)

# Manufacturer or supplier's details

Company name of supplier Address		AUSTIN LIGHTHOUSE, TRAVIS ASSOCIATION FOR THE BLIND 2307 Business Center Drive Austin, Texas 78744
Telephone	:	1-888-217-7232
Emergency telephone number	:	1-888-714-3496

# Recommended use of the chemical and restrictions on use

Recommended use	: Antibacterial Soap
Restrictions on use	: This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

# **SECTION 2. HAZARDS IDENTIFICATION**

GHS Classification Flammable liquids	: Category 3
Serious eye damage	: Category 1
GHS label elements Hazard pictograms	
Signal word	: Danger
Hazard statements	: H226 Flammable liquid and vapour. H318 Causes serious eye damage.
Precautionary statements	<ul> <li>Prevention:</li> <li>P210 Keep away from heat/sparks/open flames/hot surfaces</li> <li>No smoking.</li> <li>P233 Keep container tightly closed.</li> </ul>



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	<ul> <li>P240 Ground/bond container a P241 Use explosion-proof elect equipment.</li> <li>P242 Use only non-sparking to P243 Take precautionary meas P280 Wear eye protection/ fact <b>Response:</b></li> <li>P305 + P351 + P338 + P310 IF water for several minutes. Rem and easy to do. Continue rinsin CENTER or doctor/ physician.</li> <li>P370 + P378 In case of fire: Us alcohol-resistant foam to exting <b>Storage:</b></li> <li>P403 + P235 Store in a well-vet <b>Disposal:</b></li> <li>P501 Dispose of contents/ con- disposal plant.</li> </ul>	etrical/ ventilating/ lighting/ pols. sures against static discharge. e protection. F IN EYES: Rinse cautiously with hove contact lenses, if present ng. Immediately call a POISON se dry sand, dry chemical or guish. entilated place. Keep cool.
<b>Other hazards</b> None known.		

# SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Chemical name	CAS-No.	Concentration (%)
Ethyl Alcohol	64-17-5	>= 1 - < 5
Ammonium Laureth Sulfate	67762-19-0	>= 1 - < 5
Ammonium Lauryl Sulfate	2235-54-3	>= 1 - < 5
Propylene Glycol	57-55-6	>= 1 - < 5
Chloroxylenol	88-04-0	>= 0.1 - < 1

# **SECTION 4. FIRST AID MEASURES**

General advice	<ul> <li>In the case of accident or if you feel unwell, seek medical advice immediately.</li> <li>When symptoms persist or in all cases of doubt seek medical advice.</li> </ul>
If inhaled	<ul> <li>If inhaled, remove to fresh air.</li> <li>If symptoms persist, call a physician.</li> </ul>
In case of skin contact	: Wash with water and soap as a precaution. Get medical attention if irritation develops and persists.
In case of eye contact	<ul> <li>In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.</li> <li>If easy to do, remove contact lens, if worn.</li> <li>Seek medical advice.</li> </ul>
If swallowed	<ul> <li>If swallowed, DO NOT induce vomiting.</li> <li>Rinse mouth with water.</li> <li>Obtain medical attention.</li> </ul>
Most important symptoms and effects, both acute and delayed	: Causes serious eye damage.
Protection of first-aiders	: First Aid responders should pay attention to self-protection and use the recommended protective clothing



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#### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media		ater spray, alcohol-resistant foam, dry chemical or dioxide.
Unsuitable extinguishing media	High v	olume water jet
Specific hazards during firefighting	fire. Cool c Flash I May fo Exposi- health. Carboi Sulphu	use a solid water stream as it may scatter and spread losed containers exposed to fire with water spray. back possible over considerable distance. rm explosive mixtures in air. ure to decomposition products may be a hazard to n oxides ar oxides en oxides (NOx)
Hazardous combustion products	Sulphu	n oxides ir oxides en oxides (NOx)
Specific extinguishing methods	circum	tinguishing measures that are appropriate to local stances and the surrounding environment. ater spray to cool unopened containers.
Further information	Collect must n Fire re	contaminated fire extinguishing water separately. This ot be discharged into drains. sidues and contaminated fire extinguishing water must bosed of in accordance with local regulations.
Special protective equipment for firefighters	In the	event of fire, wear self-contained breathing apparatus. ersonal protective equipment.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	<ul> <li>Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Material can create slippery conditions.</li> </ul>
Environmental precautions	: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	<ul> <li>Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapours/mists with a water spray jet.</li> <li>Keep in suitable, closed containers for disposal.</li> <li>Clean contaminated floors and objects thoroughly while observing environmental regulations.</li> </ul>

# SECTION 7. HANDLING AND STORAGE



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Advice on safe handling	<ul> <li>For personal protection see section 8. Keep away from heat. Use with local exhaust ventilation. Avoid contact with eyes.</li> <li>Take measures to prevent the build up of electrostatic charge Keep in properly labelled containers. Keep containers tightly closed in a dry, cool and well- ventilated place. Store in accordance with the particular national regulations.</li> </ul>		
Conditions for safe storage			

# SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethyl Alcohol	64-17-5	TWA	1,000 ppm 1,900 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m3	OSHA Z-1
		STEL	1,000 ppm	ACGIH
Propylene Glycol	57-55-6	TWA	10 mg/m3	US WEEL
Personal protective equipm	ent			
Respiratory protection	: No personal required.	No personal respiratory protective equipment normally required.		
Hand protection				
Remarks	: No special p	No special protective equipment required.		
Eye protection	: Wear face-s problems.	Wear face-shield and protective suit for abnormal processing problems.		
Skin and body protection		No special measures necessary provided product is used correctly.		
Protective measures	: Choose bod concentration the specific Ensure that	<ul> <li>Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.</li> <li>Ensure that eye flushing systems and safety showers are located close to the working place.</li> </ul>		
Hygiene measures	: Handle in ac practice.	Handle in accordance with good industrial hygiene and safety		

# Components with workplace control parameters

# SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Colour Odour Odour Threshold	<ul> <li>liquid</li> <li>clear, translucent, yellow-orange, amber</li> <li>like fruit</li> <li>No data available</li> </ul>
рН	: 4.5 - 8.5, (20 °C)
Melting point/freezing point Initial boiling point and boiling range	: No data available : 83.00 °C
Flash point	: 59.89 °C
Evaporation rate	: No data available



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Flammability (solid, gas)	: Not applicable	
Flammability (liquids)	: Does not sustain combustion.	
Upper explosion limit	: No data available	
Lower explosion limit	: No data available	
Vapour pressure	: No data available	
Relative vapour density	: No data available	
Density	: 0.9962 g/cm3	
Solubility(ies) Water solubility	: soluble	
Partition coefficient: n- octanol/water	: Not applicable	
Auto-ignition temperature	: No data available	
Thermal decomposition	: The substance or mixture is not	classified self-reactive.
Viscosity Viscosity, kinematic	: 10 - 20 mm2/s (20 °C)	
Explosive properties	: Not explosive	
Oxidizing properties	: The substance or mixture is not	classified as oxidizing.

# SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reactions	<ul> <li>Not classified as a reactivity hazard.</li> <li>Stable under normal conditions.</li> <li>Vapours may form explosive mixture with air.</li> </ul>
Conditions to avoid Incompatible materials Hazardous decomposition products	<ul><li>Heat, flames and sparks.</li><li>Oxidizing agents</li><li>No hazardous decomposition products are known.</li></ul>

## SECTION 11. TOXICOLOGICAL INFORMATION

# Information on likely routes of exposure Inhalation

Eye contact Skin contact

## Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity

: Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method



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<u>Components:</u>		
Ethyl Alcohol: Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg	
Acute inhalation toxicity	: LC50 (Rat): 124.7 mg/l Exposure time: 4 h Test atmosphere: vapour	
Ammonium Laureth Sulfate	e:	
Acute oral toxicity	: LD50 (Rat): 4,100 mg/kg Method: OECD Test Guideline Remarks: Based on data from	-
Acute dermal toxicity	<ul> <li>LD50 (Rat): &gt; 2,000 mg/kg Method: OECD Test Guideline Assessment: The substance of toxicity Remarks: Based on data from</li> </ul>	mixture has no acute derm
Ammonium Lauryl Sulfate:		
Acute oral toxicity	: LD50 (Rat): 2,000 mg/kg Method: EC Directive 92/69/EE Remarks: Based on data from	,
Propylene Glycol:		
Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg	
Acute inhalation toxicity	<ul> <li>LC50 (Rabbit): &gt; 159 mg/l, &gt; 5 Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or inhalation toxicity</li> </ul>	
Aquita dormal toviaity	L DE0 (Dabbit) = 2.000 mg//g	
Acute dermal toxicity	<ul> <li>LD50 (Rabbit): &gt; 2,000 mg/kg Assessment: The substance or toxicity</li> </ul>	mixture has no acute derm
Chloroxylenol:		
Acute oral toxicity	: Acute toxicity estimate : 500 m Method: Expert judgement Remarks: Based on harmonise on 1272/2008, Annex VI	
Acute inhalation toxicity	: LC50 (Rat): > 6.29 mg/l Test atmosphere: dust/mist	
Acute dermal toxicity	: LD50 (Rat): > 2,000 mg/kg	

# Components:

**Ethyl Alcohol:** Species: Rabbit Method: OECD Test Guideline 404 Result: No skin irritation



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#### Ammonium Laureth Sulfate:

Species: Rabbit Method: OECD Test Guideline 404 Result: Skin irritation Remarks: Based on data from similar materials

## Ammonium Lauryl Sulfate:

Species: Rabbit Method: OECD Test Guideline 404 Result: Skin irritation

#### Propylene Glycol:

Species: Rabbit Method: OECD Test Guideline 404 Result: No skin irritation

#### Chloroxylenol:

Result: Skin irritation Remarks: Based on harmonised classification in EU regulati on 1272/2008, Annex VI

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Components:

**Ethyl Alcohol:** Species: Rabbit Result: Irritation to eyes, reversing within 21 days Method: OECD Test Guideline 405

# Ammonium Laureth Sulfate:

Species: Rabbit Result: Irreversible effects on the eye Remarks: Based on data from similar materials

#### Ammonium Lauryl Sulfate:

Species: Rabbit Result: Irreversible effects on the eye Method: OECD Test Guideline 405

## Propylene Glycol:

Species: Rabbit Result: No eye irritation Method: OECD Test Guideline 405

## Chloroxylenol:

Result: Irreversible effects on the eye

#### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.

# Product:

Result: Does not cause skin sensitisation.

## Components:



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#### **Ethyl Alcohol:**

Test Type: Local lymph node assay (LLNA) Exposure routes: Skin contact Species: Mouse Result: negative

#### Ammonium Laureth Sulfate:

Test Type: Maximisation Test (GPMT) Exposure routes: Skin contact Species: Guinea pig Method: OECD Test Guideline 406 Result: negative Remarks: Based on data from similar materials

#### Ammonium Lauryl Sulfate:

Test Type: Maximisation Test (GPMT) Exposure routes: Skin contact Species: Guinea pig Result: negative Remarks: Based on data from similar materials

#### Propylene Glycol:

Test Type: Maximisation Test (GPMT) Exposure routes: Skin contact Species: Guinea pig Result: negative

#### Chloroxylenol:

Assessment: Probability or evidence of skin sensitisation in humans Remarks: Based on harmonised classification in EU regulati on 1272/2008, Annex VI

#### Germ cell mutagenicity

Not classified based on available information.

# Components:

Ethyl Alcohol:	
Genotoxicity in vitro	: Test Type: In vitro mammalian cell gene mutation test Result: negative
Genotoxicity in vivo	: Test Type: Rodent dominant lethal test (germ cell) (in vivo) Test species: Mouse Application Route: Ingestion Result: negative
Ammonium Laureth Sulfate:	
Genotoxicity in vitro	<ul> <li>Test Type: Bacterial reverse mutation assay (AMES)</li> <li>Method: OECD Test Guideline 471</li> <li>Result: negative</li> <li>Remarks: Based on data from similar materials</li> </ul>
	<ul> <li>Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative Remarks: Based on data from similar materials</li> </ul>
Genotoxicity in vivo	: Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis) Test species: Mouse



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	Application Route: Ingestion Method: OECD Test Guideline Result: negative	
	Remarks: Based on data from	similar materials
Ammonium Lauryl Sulfat		
Genotoxicity in vitro	: Test Type: In vitro mammalian Result: negative Remarks: Based on data from	J.
Genotoxicity in vivo	: Test Type: Mammalian erythro cytogenetic assay) Test species: Mouse Application Route: Ingestion Method: OECD Test Guideling Result: negative Remarks: Based on data from	e 474
Propylene Glycol: Genotoxicity in vitro	: Test Type: Bacterial reverse r Result: negative	nutation assay (AMES)
Genotoxicity in vivo	: Test Type: In vivo micronucle Test species: Mouse Application Route: Intraperitor Result: negative	
Chloroxylenol:		
Genotoxicity in vitro	: Test Type: Bacterial reverse r Result: negative	nutation assay (AMES)
Genotoxicity in vitro		nutation assay (AMES)
	Result: negative	nutation assay (AMES)
Genotoxicity in vitro Carcinogenicity Not classified based on ava	Result: negative	nutation assay (AMES)
Genotoxicity in vitro Carcinogenicity Not classified based on ava Components: Ammonium Lauryl Sulfat Species: Rat Application Route: Ingestic Exposure time: 2 Years	Result: negative ailable information.	nutation assay (AMES)
Genotoxicity in vitro Carcinogenicity Not classified based on ava Components: Ammonium Lauryl Sulfat Species: Rat Application Route: Ingestic	Result: negative ailable information.	nutation assay (AMES)
Genotoxicity in vitro Carcinogenicity Not classified based on ava Components: Ammonium Lauryl Sulfat Species: Rat Application Route: Ingestic Exposure time: 2 Years Result: negative	Result: negative ailable information. fe: on rom similar materials	nutation assay (AMES)
Genotoxicity in vitro Carcinogenicity Not classified based on avain Components: Ammonium Lauryl Sulfat Species: Rat Application Route: Ingestic Exposure time: 2 Years Result: negative Remarks: Based on data fr Propylene Glycol: Species: Rat Application Route: Ingestic Exposure time: 2 Years	Result: negative ailable information. fe: on rom similar materials	esent at levels greater than or
Genotoxicity in vitro Carcinogenicity Not classified based on avain Components: Ammonium Lauryl Sulfat Species: Rat Application Route: Ingestic Exposure time: 2 Years Result: negative Remarks: Based on data fr Propylene Glycol: Species: Rat Application Route: Ingestic Exposure time: 2 Years Result: negative	Result: negative ailable information. te: on rom similar materials on No component of this product pro equal to 0.1% is identified as pro	esent at levels greater than or bable, possible or confirmed esent at levels greater than or



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	equal to 0.1% is identified as a kn by NTP.	own or anticipated carcinogen
Reproductive toxicity Not classified based on availa	able information.	
Components:		
Ethyl Alcohol:		
Effects on fertility	: Test Type: Two-generation rep Species: Mouse Application Route: Ingestion Method: OECD Test Guideline Result: negative	
Ammonium Laureth Sulfate Effects on fertility	: : Test Type: Two-generation rep Species: Rat Application Route: Ingestion Result: negative Remarks: Based on data from	
Effects on foetal development	: Test Type: Two-generation rep Species: Rat Application Route: Ingestion Result: negative Remarks: Based on data from	
Ammonium Lauryl Sulfate: Effects on foetal development	: Test Type: Embryo-foetal deve Species: Rat Application Route: Ingestion Result: negative Remarks: Based on data from	
Propylene Glycol: Effects on fertility	: Species: Mouse Application Route: Ingestion Result: negative	
Effects on foetal development	: Test Type: Embryo-foetal deve Species: Mouse Application Route: Ingestion Result: negative	lopment

# STOT - repeated exposure

Not classified based on available information.

# Repeated dose toxicity

# **Components:**

Ethyl Alcohol: Species: Rat NOAEL: 2,400 mg/kg Application Route: Ingestion Exposure time: 2 y



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## Ammonium Laureth Sulfate:

Species: Rat NOAEL: > 225 mg/kg Application Route: Ingestion Exposure time: 90 d Method: OECD Test Guideline 408 Remarks: Based on data from similar materials

#### **Propylene Glycol:**

Species: Rat NOAEL: 1,700 mg/kg Application Route: Ingestion Exposure time: 2 y

# Chloroxylenol:

Species: Rabbit LOAEL: 180 mg/kg Application Route: Skin contact Exposure time: 90 d

#### Aspiration toxicity

Not classified based on available information.

## **SECTION 12. ECOLOGICAL INFORMATION**

#### Ecotoxicity

## Components:

Ethyl Alcohol: Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Exposure time: 96 h	
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h	
Toxicity to algae	:	EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l Exposure time: 72 h Method: OECD Test Guideline 201	
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Daphnia magna (Water flea)): 9.6 mg/l Exposure time: 9 d	
Toxicity to bacteria	:	EC50 (Photobacterium phosphoreum): 32.1 mg/l Exposure time: 0.25 h	
Ammonium Laureth Sulfate: Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 7.1 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 Remarks: Based on data from similar materials	
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 7.4 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 Remarks: Based on data from similar materials	



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Toxicity to algae	:	ErC50 (Desmodesmus subspica Exposure time: 72 h Method: OECD Test Guideline 2 Remarks: Based on data from si	01
		NOEC (Desmodesmus subspica Exposure time: 72 h Method: OECD Test Guideline 2 Remarks: Based on data from si	01
Toxicity to fish (Chronic toxicity)	:	NOEC (Oncorhynchus mykiss (r Exposure time: 28 d Method: OECD Test Guideline 2 Remarks: Based on data from si	04
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Daphnia magna (Water f Exposure time: 21 d Remarks: Based on data from si	
Toxicity to bacteria	:	EC10 (Pseudomonas putida): > Exposure time: 16 h Method: DIN 38 412 Part 8 Remarks: Based on data from si	-
Ammonium Lauryl Sulfate: Toxicity to fish	:	LC50 (Oncorhynchus mykiss (ra Exposure time: 96 h Method: OECD Test Guideline 2 Remarks: Based on data from si	03
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water fl Exposure time: 48 h Method: Tested according to Dir Remarks: Based on data from si	ective 92/69/EEC.
Toxicity to algae	:	ErC50 (Desmodesmus subspica Exposure time: 72 h Method: Directive 67/548/EEC, / Remarks: Based on data from si	Annex V, C.3.
		EC10 (Desmodesmus subspicat Exposure time: 72 h Method: Directive 67/548/EEC, A Remarks: Based on data from si	Annex V, C.3.
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Ceriodaphnia Dubia (wa Exposure time: 7 d Remarks: Based on data from si	
Toxicity to bacteria	:	EC0 (Pseudomonas putida): 409 Exposure time: 16 h Method: DIN 38 412 Part 8 Remarks: Based on data from si	-
<b>Propylene Glycol:</b> Toxicity to fish	:	LC50 (Oncorhynchus mykiss (ra Exposure time: 96 h	inbow trout)): 40,613 mg/l



Toxicity to daphnia and other aquatic invertebrates	: EC50 (Ceriodaphnia Dubia (w Exposure time: 48 h	vater flea)): 18,340 mg/l
Toxicity to algae	: EC50 (Skeletonema costatum Exposure time: 48 h Method: OECD Test Guideling	
Toxicity to fish (Chronic toxicity)	: Chronic Toxicity Value: 2,500 Exposure time: 30 d	mg/l
Toxicity to daphnia and other aquatic invertebrates	: NOEC (Ceriodaphnia Dubia ( Exposure time: 7 d	water flea)): 29,000 mg/l
(Chronic toxicity) Toxicity to bacteria	: NOEC (Pseudomonas putida) Exposure time: 18 h	): > 20,000 mg/l
<b>Chloroxylenol:</b> Toxicity to fish	: LC50 (Oncorhynchus mykiss Exposure time: 96 h	(rainbow trout)): 0.76 mg/l
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Wate Exposure time: 48 h	er flea)): 7.7 mg/l
M-Factor (Acute aquatic toxicity)	: 1	
Persistence and degradabil	ity	
<u>Components:</u> Ethyl Alcohol: Biodegradability	: Result: Readily biodegradable Biodegradation: 84 % Exposure time: 20 d	9.
Ammonium Laureth Sulfate Biodegradability	: : Result: Readily biodegradable Biodegradation: 100 % Exposure time: 28 d Method: Directive 67/548/EEC Remarks: Based on data from	C Annex V, C.4.C.
Ammonium Lauryl Sulfate: Biodegradability	: Result: Readily biodegradable Biodegradation: 75.7 % Exposure time: 28 d Method: OECD Test Guideling Remarks: Based on data from	e 301B
Propylene Glycol: Biodegradability	: Result: Readily biodegradable Biodegradation: 98.3 % Exposure time: 28 d Method: OECD Test Guideline	
Bioaccumulative potential		
•		



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Partition coefficient: n- octanol/water	: log Pow: -0.35	
Ammonium Laureth Sulfate:		
Partition coefficient: n- octanol/water	: log Pow: 0.3	
Ammonium Lauryl Sulfate:		
Partition coefficient: n-	: log Pow: 0.8 - 0.91	
octanol/water	-	
Propylene Glycol: Partition coefficient: n-	. lag Dawn 1.07	
octanol/water	: log Pow: -1.07	
Chloroxylenol:		
Partition coefficient: n-	: log Pow: 3.27	
octanol/water		
Mobility in soil		
No data available		
Other adverse effects		
No data available		
Product:		
Regulation	40 CFR Protection of Environment;	Part 82 Protection of
-	Stratospheric Ozone - CAA Section	602 Class I Substances
Remarks	This product neither contains, nor w	use manufactured with a
Remarks	Class I or Class II ODS as defined	
	Section 602 (40 CFR 82, Subpt. A,	

# SECTION 13. DISPOSAL CONSIDERATIONS

Disposal	methods
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Waste from residues Contaminated packaging	<ul><li>Dispose of in accordance with local regulations.</li><li>Dispose of as unused product.</li></ul>
	Empty containers should be taken to an approved waste handling site for recycling or disposal.

## **SECTION 14. TRANSPORT INFORMATION**

# International Regulation

•	
IATA-DGR	
UN/ID No.	: UN 1170
Proper shipping name	: Ethanol solution
Class	: 3
Packing group	: 111
Packing instruction (cargo aircraft)	: 366
Packing instruction (passenger aircraft)	: 355
<b>IMDG-Code</b> UN number Proper shipping name Class Packing group Labels	: UN 1170 : ETHANOL SOLUTION : 3 : III : 3



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EmS Code Marine pollutant <b>National Regulations</b>	: F-E, S-D : no	
<b>49 CFR</b> UN/ID/NA number Proper shipping name Class	: UN 1170 : Ethanol solutions : 3	
Packing group ERG Code Marine pollutant	: III : 127 : no	

# **SECTION 15. REGULATORY INFORMATION**

## EPCRA - Emergency Planning and Community Right-to-Know Act

## **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	:	Fire Hazard Acute Health Hazard
SARA 302	:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

# Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

Ethyl Alcohol	64-17-5	4.405 %
Propylene Glycol	57-55-6	2 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

# Clean Water Act

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

**US State Regulations** 

Massachusetts Right To Know		
Ethyl Alcohol	64-17-5	1 - 5 %
Pennsylvania Right To Know		
Water (Aqua)	7732-18-5	70 - 90 %
Ethyl Alcohol	64-17-5	1 - 5 %
Ammonium Laureth Sulfate	67762-19-0	1 - 5 %



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	Ammonium Lauryl Sulfate	2235-54-3	1 - 5 %
	Propylene Glycol	57-55-6	1 - 5 %
	Isopropyl Alcohol	67-63-0	0.1 - 1 %
	Ammonium Sulfate	7783-20-2	0.1 - 1 %
New Jersey	Right To Know		
	Water (Aqua)	7732-18-5	70 - 90 %
	Ethyl Alcohol	64-17-5	1 - 5 %
	Ammonium Laureth Sulfate	67762-19-0	1 - 5 %
	Ammonium Lauryl Sulfate	2235-54-3	1 - 5 %
	Propylene Glycol	57-55-6	1 - 5 %
TSCA	nents of this product are reported in the On TSCA Inventory :	•	
	. On TSCA Inventory	1	
AICS		r in compliance with the in	ventory
AICS DSL	: On the inventory, or		
	: On the inventory, or : On the inventory, or	r in compliance with the in	ventory
DSL	: On the inventory, or : On the inventory, or : On the inventory, or	r in compliance with the in r in compliance with the in	ventory
DSL ENCS	: On the inventory, or : On the inventory, or : On the inventory, or : On the inventory, or	r in compliance with the in r in compliance with the in r in compliance with the in	iventory iventory iventory
DSL ENCS ISHL	<ul> <li>: On the inventory, or</li> </ul>	r in compliance with the in r in compliance with the in r in compliance with the in r in compliance with the in	ventory ventory ventory ventory
DSL ENCS ISHL KECI	<ul> <li>: On the inventory, or</li> </ul>	r in compliance with the in r in compliance with the in	iventory iventory iventory iventory

## Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)



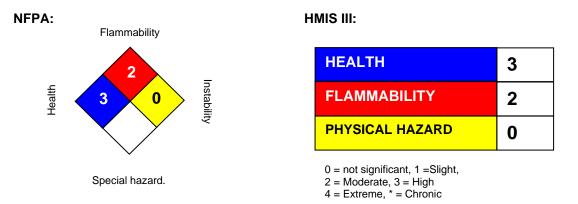
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# **SECTION 16. OTHER INFORMATION**

## **Further information**



#### Revision Date

#### : 09/10/2020

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