

Safety Data Sheet According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Date of Issue: 07/11/2019

Version: 1.0

### **SECTION 1: IDENTIFICATION**

# Product Identifier

Product Form: Mixture Product Name: Super Orange Citrus Boat Wash & Wax

Product Code: 946XX

#### **Intended Use of the Product**

Cleaner

### Name, Address, and Telephone of the Responsible Party

Company

Star brite<sup>®</sup> Inc. 4041 SW 47<sup>th</sup> Avenue Fort Lauderdale, FL 33314 (954) 587-6280

### www.starbrite.com

**Emergency Telephone Number** 

Emergency Number : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

## SECTION 2: HAZARDS IDENTIFICATION

SECTION 2: HAZARDS IDENTIFICAT	
Classification of the Substance or M	<u>ixture</u>
GHS-US/CA Classification	
Skin Irrit. 2 H315	
Eye Dam. 1 H318	
Skin Sens. 1B H317	
Full text of hazard classes and H-stateme	ents : see section 16
Label Elements	
GHS-US/CA Labeling	
Hazard Pictograms (GHS-US/CA)	
Signal Word (GHS-US/CA)	: Danger
Hazard Statements (GHS-US/CA)	: H315 - Causes skin irritation.
	H317 - May cause an allergic skin reaction.
	H318 - Causes serious eye damage.
Precautionary Statements (GHS-US/CA)	: P261 - Avoid breathing mist, spray, vapors.
	P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
	P272 - Contaminated work clothing should not be allowed out of the workplace.
	P280 - Wear protective gloves, protective clothing, and eye protection.
	P302+P352 - IF ON SKIN: Wash with plenty of water.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
	P310 - Immediately call a POISON CENTER or doctor.
	P321 - Specific treatment (see section 4 on this SDS).
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P362+P364 - Take off contaminated clothing and wash it before reuse.
	P391 - Collect spillage.
	P501 - Dispose of contents/container in accordance with local, regional, national,
	territorial, provincial, and international regulations.
Other Hazards	
Aquatic Acute 2 H401	

07/11/2019 IERTT.B-CC

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Aquatic Chronic 3 H412

H401 - Toxic to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

P273 - Avoid release to the environment.

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

#### Unknown Acute Toxicity (GHS-US/CA)

No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### **Mixture**

Name	Product Identifier	% *	GHS Ingredient Classification
Sodium lauryl sulfate	(CAS-No.) 151-21-3	4.2 - 12.6	Flam. Sol. 2, H228
			Acute Tox. 4 (Oral), H302
			Skin Irrit. 2, H315
			Eye Dam. 1, H318
			STOT SE 3, H335
			Aquatic Acute 2, H401
			Aquatic Chronic 3, H412
Sulfuric acid, mono-C10-16-alkyl	(CAS-No.) 68585-47-7	3.75 - 7.5	Acute Tox. 4 (Oral), H302
esters, sodium salts			Skin Irrit. 2, H315
			Eye Dam. 1, H318
Alcohols, C9-11, ethoxylated**	(CAS-No.) 68439-46-3	3 - 7	Acute Tox. 4 (Oral), H302
			Eye Dam. 1, H318
			Aquatic Acute 2, H401
Poly(oxy-1,2-ethanediyl), .alpha	(CAS-No.) 9004-82-4	2.1 - 4.2	Acute Tox. 4 (Oral), H302
sulfoomega(dodecyloxy)-, sodium			Skin Irrit. 2, H315
salt			Eye Irrit. 2A, H319
			Aquatic Acute 2, H401
			Aquatic Chronic 3, H412
1-Propanaminium, 3-amino-N-	(CAS-No.) 61789-40-0	2.1 - 4.2	Skin Irrit. 2, H315
(carboxymethyl)-N,N-dimethyl-, N-			Eye Irrit. 2A, H319
coco acyl derivatives, hydroxides,			Aquatic Acute 1, H400
inner salts			
Ethyl alcohol	(CAS-No.) 64-17-5	0.42 - 2.1	Flam. Liq. 2, H225
			Eye Irrit. 2B, H320
D-Limonene	(CAS-No.) 5989-27-5	< 2	Flam. Liq. 3, H226
			Skin Irrit. 2, H315
			Skin Sens. 1B, H317
			Asp. Tox. 1, H304
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
Poly(oxy-1,2-ethanediyl), .alpha[3-	(CAS-No.) 67674-67-3	0.15 - 0.45	Acute Tox. 4 (Inhalation:dust,mist), H332
[1,3,3,3-tetramethyl-1-			Eye Dam. 1, H318
[(trimethylsilyl)oxy]disiloxanyl]propy			Aquatic Chronic 2, H411
l]omegahydroxy-			

Full text of H-phrases: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

\*\* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

#### **SECTION 4: FIRST AID MEASURES**

#### **Description of First-aid Measures**

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

**Eye Contact:** Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### Most Important Symptoms and Effects Both Acute and Delayed

General: Skin sensitization. Causes skin irritation. Causes serious eye damage.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None known.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### SECTION 5: FIRE-FIGHTING MEASURES

#### **Extinguishing Media**

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

#### Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapors from decomposition.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products**: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Hydrocarbons. Sulfur oxides. Aldehydes. Irritating fumes.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

#### **Reference to Other Sections**

Refer to Section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

#### For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

#### For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

#### **Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

#### Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

#### **Reference to Other Sections**

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

### **SECTION 7: HANDLING AND STORAGE**

#### Precautions for Safe Handling

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Do not get in eyes, on skin, or on clothing. Use appropriate personal protective equipment (PPE).

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash contaminated clothing before reuse.

#### Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Alkalis. Halogenated compounds. Halogens.

#### Specific End Use(s)

Cleaner

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Ethyl alcohol (64-17-5)		
USA ACGIH	ACGIH STEL (ppm)	1000 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to
		Humans
USA OSHA	OSHA PEL (TWA) (mg/m³)	1900 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
USA IDLH	US IDLH (ppm)	3300 ppm (10% LEL)
Alberta	OEL TWA (mg/m³)	1880 mg/m <sup>3</sup>
Alberta	OEL TWA (ppm)	1000 ppm
British Columbia	OEL STEL (ppm)	1000 ppm
Manitoba	OEL STEL (ppm)	1000 ppm
New Brunswick	OEL TWA (mg/m³)	1880 mg/m³
New Brunswick	OEL TWA (ppm)	1000 ppm
Newfoundland & Labrador	OEL STEL (ppm)	1000 ppm
Nova Scotia	OEL STEL (ppm)	1000 ppm
Nunavut	OEL STEL (ppm)	1250 ppm
Nunavut	OEL TWA (ppm)	1000 ppm
Northwest Territories	OEL STEL (ppm)	1250 ppm
Northwest Territories	OEL TWA (ppm)	1000 ppm
Ontario	OEL STEL (ppm)	1000 ppm
Prince Edward Island	OEL STEL (ppm)	1000 ppm
Québec	VEMP (mg/m <sup>3</sup> )	1880 mg/m <sup>3</sup>
Québec	VEMP (ppm)	1000 ppm

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Saskatchewan	OEL STEL (ppm)	1250 ppm
Saskatchewan	OEL TWA (ppm)	1000 ppm
Yukon	OEL STEL (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
Yukon	OEL STEL (ppm)	1000 ppm
Yukon	OEL TWA (mg/m³)	1900 mg/m <sup>3</sup>
Yukon	OEL TWA (ppm)	1000 ppm
D-Limonene (5989-27-5)		
USA AIHA	WEEL TWA (ppm)	30 ppm

#### **Exposure Controls**

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

		,
Other Information: When using, do not eat, drink	or sm	noke.
SECTION 9: PHYSICAL AND CHEMICAL PRO	OPER	TIES
Information on Basic Physical and Chemical	Prope	erties
Physical State	:	Liquid
Appearance	:	Orange
Odor	:	Characteristic
Odor Threshold	:	Not available
рН	:	7
Evaporation Rate	:	Not available
Melting Point	:	Not available
Freezing Point	:	Not available
Boiling Point	:	100 °C (212 °F)
Flash Point	:	Not available
Auto-ignition Temperature	:	Not available
Decomposition Temperature	:	Not available
Flammability (solid, gas)	:	Not applicable
Lower Flammable Limit	:	Not available
Upper Flammable Limit	:	Not available
Vapor Pressure	:	Not available
Relative Vapor Density at 20°C	:	Not available
Relative Density	:	Not available
Specific Gravity	:	1.02
Solubility	:	Soluble in water
Partition Coefficient: N-Octanol/Water	:	Not available
Viscosity	:	Not available
SECTION 10: STABILITY AND REACTIVITY		
Reactivity: Hazardous reactions will not occur u	under	normal conditions.

ns. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

**<u>Chemical Stability</u>**: Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**<u>Conditions to Avoid</u>**: Direct sunlight, extremely high or low temperatures, and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Alkalis. Halogenated compounds. Halogens.

<u>Hazardous Decomposition Products</u>: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Information on Toxicological Effects - Product** 

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

**pH:** 7

Eye Damage/Irritation: Causes serious eye damage.

, рН: 7

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None known.

### Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Sodium lauryl sulfate (151-21-3)		
LD50 Oral Rat	1288 mg/kg	
LD50 Dermal Rat	> 2000 mg/kg	
LC50 Inhalation Rat	> 3900 mg/m <sup>3</sup> (Exposure time: 1 h)	
Poly(oxy-1,2-ethanediyl), .alphasulfoomega(dodecyloxy)	-, sodium salt (9004-82-4)	
LD50 Oral Rat	1600 mg/kg	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethy	rl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)	
LD50 Oral Rat	> 10000 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
Ethyl alcohol (64-17-5)		
LD50 Oral Rat	10470 mg/kg	
LD50 Dermal Rat	20 ml/kg	
LC50 Inhalation Rat	124.7 mg/l/4h	
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-	47-7)	
LD50 Oral Rat	> 2000 mg/kg	
ATE US/CA (oral)	500.00 mg/kg body weight	
Alcohols, C9-11, ethoxylated (68439-46-3)		
LD50 Oral Rat	1400 mg/kg	
LD50 Dermal Rat	> 2000 mg/kg	

Safety Data Sheet According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

LDS0 Dermal Rabit       >5 g/kg         LDS0 Dermal Rabbit       >5 g/kg         Dervigovs-12_zethanedly(), alpha-[3-[1,3,3,3-tetramethyl-1-[t(trittrivlshylloxy)disiloxanyl]propy(]omega-hydroxy- (67674-67.3)         ATE U5/CA (dust, mist)       1.50 mg/l/4h         Ethyl atcohol (61-17.5)       In OSHA Hazard Communication Carcinogen list.         D-Limonene (588-27.5)       In OSHA Hazard Communication Carcinogen list.         D-Limonene (588-27.5)       In OSHA Hazard Communication Carcinogen list.         D-Limonene (588-27.5)       Evidence of Carcinogenicity.         SECTION 12: ECOLOGICAL INFORMATION       Evidence of Carcinogenicity.         Toxicity       Ecology - General: Toxic to aquatic life with long lasting effects.         Sodium lauryl sulfate (151-21-3)       LSS Fish 1         LSS Fish 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Pimephales prometas [static])         LCSO Fish 1       1.8 mg/l (Exposure time: 96 h - Species: Pimephales prometas [static])         NOEC Chronic Crustacea       0.38 mg/l       Optimis at 13 21 (2.4.3 - 4.01) mg/l (Sposure time: 96 h - Species: Pimephales prometas [static])         NOEC Chronic Crustacea       0.3.5 mg/l (2.3 - 4.01) mg/l (Exposure time: 48 h r)       Optimis at 13 21 (2.4.3 - 4.01) mg/l (Exposure time: 48 h r)         NOEC Chronic Crustacea       0.3.5 mg/l (2.4.3 - 4.01) mg/l (Exposure time: 96 h - Species: Branchydanio rerio)       ECSO Other Aquatic Organis	D-Limonene (5989-27-5)			
LDSD Dermal Rabbit       > 5 g/g         Poly(xxy.1,2-thanediy(), alpha.[3-[1,3,3-tetramethyl-1-[(trimethylsily)axy]disiloxany]]propy]omega-hydroxy. (67674-67-3)         ATE US/CA (dust, mist)       1.50 mg/l/4h         Ethyl alcohol (64-17-5)       In OSHA Hazard Communication Carcinogen List       In OSHA Hazard Communication Carcinogen list.         D-Limonen (589-27-5)       IAR Group       3         RAG Group       3       Stational Toxicology Program (NTP) Status       Evidence of Carcinogenicity.         SECTION 122: ECOLOGICAL INFORMATION       Evidence of Carcinogenicity.       SECTION 122: ECOLOGICAL LINFORMATION         Toxicity       Statinal (Exposure time: 48 h - Species: Daphnia magna)       ECSO Paphnia 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 1       1.8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Daphnia magna)       ECSO Daphnia 1       1.8 mg/l         NOEC Chronic Crustacea       0.8 mg/l       OQUMPAL (20 - 30       OQUMPAL (20 - 30         NOEC Chronic Fish       20 mg/l (Exposure time: 96 h - Species: Daphnia magna)       ECSO Daphnia 1       1.10 mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 2       20 mg/l (Exposure time: 96 h - Species: Daphnia magna)       ECSO Daphnia 1       1.10 mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 1       1.11 mg/l (Exposure time: 48 h - Species: Daphnia magna)	· · ·		4400 mg/kg	
Poly(oxy-1,2-ethanediyl), alpha-[3-[1,3,3,3-tetramethyl-1-[(trimethylsily]oxy]disiloxany]propyl-omega-hydroxy-(67674-67-3) ATE US/CA (dust, mist)  I. 50 mg/l/4h Ethyl alcohol (64-17-5) IARC Group I. 1 OSHA Hazard Communication Carcinogen List In OSHA Hazard Communication Carcinogen list. D-Limonene (5989-27-5) IARC Group SECTION 12: ECOLOGICAL INFORMATION Exclose Concerned to the second seco	LD50 Dermal Rabbit			
ATE Us/CA (dust, mist)       1.50 mg///4h         Ethyl alcohol (64.17.5)       1         IARG Group       1         OSHA Hazard Communication Carcinogen List       In OSHA Hazard Communication Carcinogen list.         D-Linnonen (Sa98-27.5)       In OSHA Hazard Communication Carcinogen list.         Sectrols 12: ECOLOGICAL INFORMATION       Iso Group         Toxicity       Ecology: General: Toxic to aquatic life with long lasting effects.         Sodium lauryl sulfate (15.1-2.3)       Evidence of Carcinogenicity.         LCSO Fish 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 2       15 (15 - 18.9) mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 2       15 (15 - 18.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOEC Chronic Crustacea       0.38 mg/l         Poly(oxy-1,2-ethanediyl), alpha-sulfo-surega-(dodex/toxy)-, sodium salt (9004-82.4)         ECSO Daphnia 1       2.10 gg/l (2.3-0.9         NOEC Chronic Fish       2.0.3 Gg/l (2.3-0.9         1-Propanaminum, 3-amino-N-(carboxymethyl-N, N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (51789-40.0)         LCSO Fish 1       1.1 (1.10) mg/l (Exposure time: 36 h - Species: Daphnia magna)         ECSO Daphnia 1       6.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)         ECSO Daphnia 1       6.7 mg/l (Ex	Poly(oxy-1,2-ethanediyl), .alpha[3-[1,3	,3,3-tetramethyl-1-[(	trimethylsilyl)oxy]disiloxanyl]propyl]omegahydroxy- (67674-67-3)	
Ethyl alcohol (64-17-5)       1         IARC Group       1         OSHA Hazard Communication Carcinogen List       In OSHA Hazard Communication Carcinogen list.         D-Limonene (5989-27-5)       3         IARC Group       3         SectTON 12: ECOLOGICAL INFORMATION       Evidence of Carcinogenicity.         SectOre 11: ECO Depahnia 1       18. mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         ICSO Fish 2       15 (15 - 13.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOEC Chronic Crustacea       0.3: 6.3 mg/l         NOEC Chronic Crustacea       0.3: 6.3 mg/l         NOEC Chronic Algae       0.3 mg/l (30-30         NOEC Chronic Algae       0.3: 6.9 mg/l (Exposure time: 96 h - Species: Parahydania rerio)         ECSO Ober Aquatic Organisms 1       1 (1 - 10 mg/l (Exposure time: 96 h - Species: Daphnia magna)				
IARC Group       1         OSHA Hazard Communication Carcinogen List       In OSHA Hazard Communication Carcinogen List.         D-Limonene (599-27-5)       3         National Toxicology Program (NTP) Status       Evidence of Carcinogenicity.         SECTION 122 ECOLOGICAL INFORMATION       Evidence of Carcinogenicity.         Toxicity       5         Scodum Lauryl sulfate (151-21-3)       Evidence of Carcinogenicity.         LCSO Fish 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 1       1.8 mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 2       1.5 (15 - 13.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOE Chronic Crustacea       0.88 mg/l         Poly(oxy.1, 2-ethanedityl), alpha-sulfo-omega-(dodec/oxy), sodium salt (9004-82-4)         ECSO Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOE Chronic Fish       20 mg/l 20 - 30         NOE Chronic Fish       20 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECSO Daphnia 1       (11 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECSO Chronic Algae       0.35 - 0.9         NOE Chronic Crustacea       0.3 - 6.3 mg/l         NOE Chronic Algae       1.1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)				
OSHA Hazard Communication Carcinogen List         In OSHA Hazard Communication Carcinogen list.           D-Limonen (5989-27-5)         IAR Group         3           RAG Group         3         Evidence of Carcinogenicity.           SECTION 12: ECOLOGICAL INFORMATION         Evidence of Carcinogenicity.           SECTION 12: ECOLOGICAL INFORMATION         Evidence of Carcinogenicity.           SECTION 12: ECOLOGICAL INFORMATION         Ecology - General: Toxic to aquatic life with long lasting effects.           Sodium larvy/sulfate (151-21-3)         Ecology - General: Toxic to aquatic life with long lasting effects.           Sodium larvy/sulfate (151-21-3)         ECSO Token Aquatic Organisms 1         1.8 (8 - 12.5 ) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])           ECSO Ober Aquatic Organisms 1         3.12 (2.4 3 - 4.01) mg/l (Specise Ceriodaphina, exposure time: 48 hr)           NOEC Chronic Crustacea         0.3 - 6.3 mg/l         NOEC Chronic Crustacea           NOEC Chronic Rish         20 mg/l 20- 30         NOEC Chronic Algae         0.3 smg/l           NOEC Chronic Riska         0.3 mg/l         Species: Brachydanio rerio)         ECSO Ober Aquatic Organisms 1         1.1 (1.0) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)           ECSO Ober Aquatic Organisms 1         1.1 (1.0) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECSO Ober Aquatic Organis (61789-40-0)           LCSO Fish 1 <th></th> <th></th> <th>1</th>			1	
D-Limonene (5989-27-5)       3         IARC Group       3         National Toxicology Program (NTP) Status       Evidence of Carcinogenicity.         SECTION 12: ECOLOGICAL INFORMATION       Exclogy - General: Toxic to aquatic life with long lasting effects.         Sodium buryl sulfate (151-21-3)       Ecology - General: Toxic to aquatic life with long lasting effects.         Sodium buryl sulfate (151-21-3)       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 1       1.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOEC Chronic Crustacea       0.88 mg/l         Poly(oxy-1,2-ethanediyl), alphasulfo-omega-(dodecyloxy)-, sodium salt (9004-82-4)         ECSO Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 h h > Mol         NOEC Chronic Crustacea       0.38 mg/l 0.35 - 0.9         1-Propanaminium, 3-amino-N-(carboxymethyl)-N.N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)         LCSO Fish 1       1(1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECSO Ophnia 1       6.5 mg/l (Exposure time: 96 h - Species: Daphnia magna)         ECSO Daphnia 1       1.1 - 100 mg/l (Exposure time: 96 h - Species: Daphnia magna)         ECSO Daphnia 1       1.1 - 100 mg/l (Exposure time: 96 h - Species: Daphnia magna)         ECSO Daphnia 1       9.2 mg/l (Exposure time: 96 h - Species: Daphnia ma	-	on List		
IARC Group       3         National Toxicology Program (NTP) Status       Evidence of Carcinogenicity.         SECTION 12: ECOLOGICAL INFORMATION         Toxicity         Section Survey survestion (Section Section Sectin Section Section Sectin Section Section Sectin Section Sectin Sec	-			
National Toxicology Program (NTP) Status       Evidence of Carcinogenicity.         SECTION 12: ECOLOCICAL INFORMATION         Toxicity         Ecolog - General: Toxic to aquatic life with long lasting effects.         Sodium lauryi sulfate (151-21-3)         LCS0 Fish 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         LCS0 Fish 1       1.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOEC Chronic Crustacea       0.88 mg/l         Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(dodecyloxy)-, sodium salt (9004-82-4)         ECS0 Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Fish       20 mg/l 20 - 30         NOEC Chronic Fish       20 mg/l 20 - 30         NOEC Chronic Algae       0.33 - 6.3 mg/l         NOEC Chronic Algae       0.35 mg/l 0.35 - 0.9         LCS0 Fish 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 96 h - Sp			2	
SECTION 12: ECOLOGICAL INFORMATION         Toxicity         Ecology - General: Toxic to aquatic life with long lasting effects.         Sodium lauryl sulfate (151-21-3)         LCSO Fish 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         ECSD Daphnia 1       1.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOEC Chronic Crustacea       0.88 mg/l         Poly(asy.1,2-ethanediyl), .alpha.sulfo-omega.(dodecyloxy), sodium salt (9004-82-4)         ECSO Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Crustacea       0.3 - 6.3 mg/l         NOEC Chronic Crustacea       0.35 mg/l 0.35 - 0.9         1-Propanaminium, 3-amino-N-(carboxymethyl)-N-Coco acyl derivatives, hydroxides, inner salts (61789-40-0)         LCSO Fish 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECSO Daphnia 1       6.5 mg/l (Exposure time: 76 h - Species: Daphnia magna)         ECSO Gaphnia 1       1.10) mg/l (Exposure time: 76 h - Species: Daphnia magna)         ECSO Gaphnia 1       1.100 mg/l (Exposure time: 76 h - Species: Daphnia magna)         ECSO Gaphnia 1       1.100 mg/l (Exposure time: 76 h - Species: Daphnia magna)         ECSO Gaphnia 1       1.200 mg/l         ECSO Gaphnia 1       1.100 mg/l (Exposure time: 76 h - Species: Daphnia magna)				
IOXicity         Sodium lauryl sulfate (151-21-3)         LCSO Fish 1         LSO Fish 1         LSO Fish 1         LSO Fish 1         LSO Fish 2         LSO Fish 1 <td< th=""><th></th><th></th><th></th></td<>				
Ecology - General: Toxic to aquatic life with long lasting effects.         Sodium lauryl sulfate (151-21-3)         LCSO Fish 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         LCSO Fish 1       1.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         LCSO Fish 2       0.88 mg/l         Poly(oxy-1,2-ethanediy/l), alphasulfoorrega-(dodecyloxy)-, sodium salt (9004-82-4)         ECSO Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Fish       20 mg/l 20 - 30         NOEC Chronic Fish       0.35 mg/l 0.35 - 0.9         1-Propanaminum, 3-amino-N-(carboxy-ertyl)-N/A-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)         LCSO Fish 1       11 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECSO Other Aquatic Organisms 1       1(1 - 10) mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)         LCSO Fish 1       11 - 100 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)         LCSO Fish 2       2 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)         LCSO Fish 2       2 mg/l         Sci Giage)       1.3 mg/l         NOEC Chronic Algae       0.09 mg/l         Etryl acholo (64-17-5)       Etryl acholo (64-17-5)         LCSO Fish 1       11200 mg/l (Exposure time: 96 h - Sp		ATION		
Sodium lauryl sulfate (151-21-3)         LCSO Fish 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCSO Fish 2       15 (15 - 18.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOEC Chronic Crustacea       0.88 mg/l         Poly(oxy-1,2-ethanediyl), alpha.sulfo-omega(dodecyloxy)-, sodium salt (9004-82-4)         ECSO Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Fish       20 mg/l 20 - 30         NOEC Chronic Algae       0.3 - 6.3 mg/l         LCSO Tish 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECSO Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)         LCSO Fish 2       2 mg/l (Exposure time: 48 h - Species: Brachydanio rerio)         ECSO Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 48 h - Species: Daphnia magna)         LCSO Fish 2       2 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECSO Daphnia 1       9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia		:th low a looting offerst	_	
LCS0 Fish 1       8 (8 - 12.5) mg/l (Exposure time: 96 h - Species: Daphnia magna)         LCS0 Fish 1       1.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         LCS0 Fish 2       15 (15 - 18.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOEC Chronic Crustacea       0.88 mg/l         Pohy(oxy-1,2-ethanedly)], alpha-sulfo-omega-(dodecyloxy), sodium salt (9004-82-4)         ECS0 Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Exposure time: 96 h - Species: Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Fish       20 mg/l 20 - 30         NOEC Chronic Crustacea       0.3 - 6.3 mg/l         NOEC Chronic Klage       0.35 mg/l 0.35 - 0.9         1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)         LCS0 Fish 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Daphnia magna)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 26 h - Species: Daphnia magna)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 72 h - Species: Daphnia magna)         LCS0 Fish 2       2 mg/l (Exposure time: 72 h - Species: Daphnia magna)         LCS0 Fish 2       2 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])         ECS0 Other Aquatic Organisms 1       11200 mg/l (Exposure time: 48 h - Species: Daphnia magna)         LCS0 Fish 1       11200 mg		ith long lasting effect	S.	
EC50 Daphnia 1       1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna)         LC50 Fish 2       15 (15 - 18.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         NOEC Chronic Crustacea       0.88 mg/l         Poly(oxy-1,2-ethanediyl), .alphasulfo-omega{dodecyloxy}-, sodium salt (9004-82-4)         EC50 Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Crustacea       0.3 - 6.3 mg/l         NOEC Chronic Algae       0.3 - 6.3 mg/l         NOEC Chronic Algae       0.3 - 6.3 mg/l         NOEC Chronic Algae       0.3 - 6.3 mg/l         LC50 Fish 1       (1 - 10) mg/l (Exposure time: 96 h - Species: Daphnia magna)         EC50 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)         EC50 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)         EC50 Gilgae)       1.3 mg/l         NOEC Chronic Algae       0.09 mg/l         Ethyl alcohol (64-17-5)       EC50 Objm/l         EC50 Fish 1       11200 mg/l         EC50 Fish 1       1200 mg/l         EC50 Gilgae)       1.3 mg/l         NOEC Chronic Algae       0.90 mg/l         EC50 Gilgae)       1.3 mg/l         EC50 Gilgae)       1.00 mg/l (E				
LCS0 Fish 215 (15 - 18.9) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])NOEC Chronic Crustacea0.88 mg/lPoly(oxy-1,2-ethanediy]), alpha-sulfoomega-(dodecyloxy)-, sodium salt (9004-82-4)ECS0 Other Aquatic Organisms 13.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)NOEC Chronic Fish20 mg/l 20 - 30NOEC Chronic Algae0.33 - 6.3 mg/lNOEC Chronic Algae0.35 mg/l (Sposure time: 96 h - Species: Encodylation rerio)ECS0 Other Aquatic Organisms 11 (1 - 10) mg/l (Exposure time: 96 h - Species: Daphnia nagna)ECS0 Other Aquatic Organisms 11 (1 - 10) mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)LCS0 Fish 11 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)ECS0 Other Aquatic Organisms 11 (1 - 10) mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)LCS0 Fish 22 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])ErCS0 algae)1.3 mg/lECS0 Other Algae0.99 mg/lEthyl alcohol (64-17-5)LCS0 Fish 1LCS0 Fish 111200 mg/lECS0 Daphnia 19268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)LCS0 Fish 2> 100 mg/lECS0 Daphnia 16 - 12 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])ECS0 Daphnia 10.217 - 3.523 mg/l (Exposure time: 48 h - Species: Daphnia magna)LCS0 Fish 16 - 12 mg/l (Exposure time: 96 h - Species: Pimephales promelas)ECS0 Daphnia 10.517 - 3.523 mg/l (Exposure time: 96 h - Species: Daphnia magna)D-Limonene (5989-27-5) </th <th></th> <th></th> <th></th>				
NOEC Chronic Crustacea       0.88 mg/l         Poly(xy-1,2-ethanediyl),.alpha-sulfo-omega.(dodecyloxy), sodium salt (9004-82-4)         EC50 Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Fish       20 mg/l (20 - 30         NOEC Chronic Algae       0.33 - 6.3 mg/l         NOEC Chronic Algae       0.35 - 0.9         1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)         LC50 Fish 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Daphnia magna)         EC50 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)         LC50 Fish 2       2 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])         Erc50 (algae)       1.3 mg/l         NOEC Chronic Algae       0.99 mg/l         Ethyl alcohol (64-17-5)          LC50 Fish 1       11200 mg/l         EC50 Daphnia 1       9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)         LC50 Fish 2       > 100 mg/l         EC50 Gigae)       1000 mg/l         LC50 Fish 1       11200 mg/l         EC50 Daphnia 1       2.217 - 3.523 mg/l (Exposure time: 48 h - Species: Daphnia magna)         LC50 Fish 1       6 -12 mg/l (Exposure time: 96 h - Species: Pimephales promela				
Poly(oxy-1,2-ethanediyl), .alphasulfoornega(dodecyloxy)-, sodium salt (9004-82-4)         EC50 Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Crustacea       0.3 - 6.3 mg/l         NOEC Chronic Algae       0.35 - 0.9         1-Propanaminium, 3-amino-N-(carboxymethyl)-N/N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)         LC50 Fish 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         EC50 Ophria 1       6.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)         EC50 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)         LC50 Fish 2       2 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])         EC50 Oaghnia 1       9.0 mg/l         NOEC Chronic Algae       0.09 mg/l         EC50 Fish 2       2 mg/l (Exposure time: 96 h - Species: Daphnia magna)         EC50 Fish 1       11200 mg/l         EC50 Oaghnia 1       9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)         LC50 Fish 2       1000 mg/l         EC50 Oaghnia 1       9268 - 14221 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         EC50 Colgae)       1000 mg/l         NOEC Chronic Crustacea       9.6 mg/l         Alcohols, C9-11, ethoxylated (68439-46-3) <td< th=""><th></th><th></th><th>Exposure time: 96 n - Species: Pimephales promeias [static])</th></td<>			Exposure time: 96 n - Species: Pimephales promeias [static])	
ECS0 Other Aquatic Organisms 1       3.12 (2.43 - 4.01) mg/l (Species Ceriodaphnia, exposure time: 48 hr)         NOEC Chronic Fish       20 mg/l 20 - 30         NOEC Chronic Algae       0.35 ng/l         NOEC Chronic Algae       0.35 ng/l         1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)         LCS0 Fish 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECS0 Daphnia 1       6.5 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 74 h - Species: Desmodesmus subspicatus)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)         ECS0 Other Aquatic Organisms 1       1 (1 - 10) mg/l (Exposure time: 96 h - Species: Daphnia magna)         ECS0 Other Aquatic Organisms 1       11200 mg/l         ECS0 Daphnia 1       9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)         LCS0 Fish 1       11200 mg/l         ECS0 Daphnia 1       9268 - 14221 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         ECS0 Dish 1       6.19 mg/l (Exposure time: 96 h - Species: Pimephales promelas)         LCS0 Fish 1       0.619 (0.619 - 0.796) mg/l (Expo				
NOEC Chronic Fish20 mg/l 20 - 30NOEC Chronic Crustacea0.3 - 6.3 mg/lNOEC Chronic Algae0.35 mg/l 0.35 - 0.91-Propanaminium, 3-amino-N-(carboxymethyl)-N, N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)LCS0 Fish 11 (1 - 10) mg/l (Exposure time: 96 h - Species: Brachydanio rerio)ECS0 Daphnia 16.5 mg/l (Exposure time: 96 h - Species: Daphnia magna)ECS0 Other Aquatic Organisms 11 (1 - 10) mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)LCS0 Fish 22 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])ErCS0 (algae)1.3 mg/lNOEC Chronic Algae0.09 mg/lEthyl alcohol (64-17-5)ECS0 Daphnia 1LCS0 Fish 2> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)ECS0 Daphnia 19268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)LCS0 Fish 2> 100 mg/lErCS0 (algae)1000 mg/lNOEC Chronic Crustacea9.6 mg/lAlcohols, C9-11, ethoxylated (68439-46-3)LCS0 Fish 16 - 12 mg/l (Exposure time: 96 h - Species: Pimephales promelas)ECS0 Daphnia 12.217 - 3.523 mg/l (Exposure time: 96 h - Species: Daphnia magna)D-Limonene (5989-27-5)LCS0 Fish 1LCS0 Fish 235 mg/l (Exposure time: 96 h - Species: Diphina magna)ECS0 Daphnia 10.421 mg/lLCS0 Fish 235 mg/l (Exposure time: 96 h - Species: Daphnia magna)D-Limonene (5989-27-5)LCS0 Fish 1LCS0 Fish 235 mg/l (Exposure time: 96 h - Species: Diphina magna)ECS0 Daphnia 10.421 mg/l				
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Alcohols, C9-11, ethoxylated (68439-46-3)         LC50 Fish 1       6 - 12 mg/l (Exposure time : 96 h - Species: Pimephales promelas)         EC50 Daphnia 1       2.217 - 3.523 mg/l (Exposure time: 48 h - Species: Daphnia magna)         D-Limonene (5989-27-5)       0.619 (0.619 - 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])         EC50 Daphnia 1       0.619 (0.619 - 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])         EC50 Daphnia 1       0.421 mg/l         LC50 Fish 2       35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)         Persistence and Degradability       May cause long-term adverse effects in the environment.         Bioaccumulative Potential       May cause long-term adverse effects in the environment.				
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D-Limonene (5989-27-5)         LC50 Fish 1       0.619 (0.619 - 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])         EC50 Daphnia 1       0.421 mg/l         LC50 Fish 2       35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)         Persistence and Degradability       35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)         Super Orange Citrus Boat Wash & Wax       Persistence and Degradability         Bioaccumulative Potential       May cause long-term adverse effects in the environment.				
LC50 Fish 1       0.619 (0.619 - 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])         EC50 Daphnia 1       0.421 mg/l         LC50 Fish 2       35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)         Persistence and Degradability       35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)         Super Orange Citrus Boat Wash & Wax       Persistence and Degradability         May cause long-term adverse effects in the environment.       Bioaccumulative Potential		2.217 - 3.523 mg/I (	Exposure time: 48 h - Species: Daphnia magna)	
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EC50 Daphnia 1       0.421 mg/l         LC50 Fish 2       35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)         Persistence and Degradability       Super Orange Citrus Boat Wash & Wax         Persistence and Degradability       May cause long-term adverse effects in the environment.         Bioaccumulative Potential       Environment	LC50 Fish 1		5) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-	
LC50 Fish 2       35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)         Persistence and Degradability       Super Orange Citrus Boat Wash & Wax         Persistence and Degradability       May cause long-term adverse effects in the environment.         Bioaccumulative Potential       Environment		• •		
Persistence and Degradability         Super Orange Citrus Boat Wash & Wax         Persistence and Degradability       May cause long-term adverse effects in the environment.         Bioaccumulative Potential       May cause long-term adverse effects in the environment.				
Super Orange Citrus Boat Wash & Wax         Persistence and Degradability       May cause long-term adverse effects in the environment.         Bioaccumulative Potential       Verse of the environment.		35 mg/1 (Exposure t	ime: 96 n - Species: Uncornynchus mykissj	
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		iviay cause long-ter	m adverse effects in the environment.	
Super Orange Citrus Boat Wash & Wax				
	Super Orange Citrus Boat Wash & Wax			

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Bioaccumulative Potential	Not established.
Sodium lauryl sulfate (151-21-3)	
BCF Fish 1	(will not bioconcentrate)
Log Pow	1.6
Ethyl alcohol (64-17-5)	
Log Pow	-0.32
Mobility in Soil	
Super Orange Citrus Boat Wash & Wax	
Ecology - Soil	Not established.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)	
Log Koc	2.8

#### **Other Adverse Effects**

Other Information: Avoid release to the environment.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

### **SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In Accordance with DOT	Not regulated for transport
In Accordance with IMDG	Not regulated for transport

**In Accordance with IATA** Not regulated for transport

In Accordance with TDG Not regulated for transport

### SECTION 15: REGULATORY INFORMATION

**US Federal Regulations** 

Super Orange Citrus Boat Wash & Wax		
SARA Section 311/312 Hazard Classes	Health hazard - Respiratory or skin sensitization	
	Health hazard - Skin corrosion or Irritation	
	Health hazard - Serious eye damage or eye irritation	
Sodium lauryl sulfate (151-21-3)		
Listed on the United States TSCA (Toxic Substances Control Act)	inventory	
Poly(oxy-1,2-ethanediyl), .alphasulfoomega(dodecyloxy)-,	sodium salt (9004-82-4)	
Listed on the United States TSCA (Toxic Substances Control Act)	inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the	
	Chemical Data Reporting Rule, (40 CFR 711).	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-	, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Ethyl alcohol (64-17-5)		
Listed on the United States TSCA (Toxic Substances Control Act)	inventory	
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-4	7-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Alcohols, C9-11, ethoxylated (68439-46-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the	
	Chemical Data Reporting Rule, (40 CFR 711).	
D-Limonene (5989-27-5)		

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on the United States TSCA (Toxic Substances Control Act)	inventory
Poly(oxy-1.2-ethanediyl)alpha[3-[1.3.3.3-tetramethyl-1-[(tri	imethylsilyl)oxy]disiloxanyl]propyl]omegahydroxy- (67674-67-3)
Listed on the United States TSCA (Toxic Substances Control Act)	
	XU - XU - indicates a substance exempt from reporting under the
	Chemical Data Reporting Rule, (40 CFR 711).
US State Regulations	
Sodium lauryl sulfate (151-21-3)	
U.S Texas - Effects Screening Levels - Long Term	
U.S Texas - Effects Screening Levels - Short Term	
Poly(oxy-1,2-ethanediyl), .alphasulfoomega(dodecyloxy)-,	sodium salt (9004-82-4)
U.S Texas - Effects Screening Levels - Long Term	
U.S Texas - Effects Screening Levels - Short Term	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,	N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)
U.S Texas - Effects Screening Levels - Long Term	
U.S Texas - Effects Screening Levels - Short Term	
Ethyl alcohol (64-17-5)	
U.S Connecticut - Hazardous Air Pollutants - HLVs (30 min)	
U.S Connecticut - Hazardous Air Pollutants - HLVs (8 hr)	
U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable	Ambient Concentrations
U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Le	evels (ELs)
U.S Idaho - Occupational Exposure Limits - TWAs	
U.S Illinois - Toxic Air Contaminant Carcinogens	
U.S Maine - Chemicals of Concern	
U.S Massachusetts - Allowable Ambient Limits (AALs)	
U.S Massachusetts - Allowable Threshold Concentrations (ATC	s)
U.S Massachusetts - Oil & Hazardous Material List - Reportable	e Quantity
RTK - U.S Massachusetts - Right To Know List	
U.S Massachusetts - Threshold Effects Exposure Limits (TELs)	
U.S Michigan - Occupational Exposure Limits - TWAs	
U.S Minnesota - Chemicals of High Concern	
U.S Minnesota - Hazardous Substance List	
U.S Minnesota - Permissible Exposure Limits - TWAs	
U.S New Hampshire - Regulated Toxic Air Pollutants - Ambient	
U.S New Hampshire - Regulated Toxic Air Pollutants - Ambient	
RTK - U.S New Jersey - Right to Know Hazardous Substance List	[
U.S New Jersey - Special Health Hazards Substances List	
U.S New York - Occupational Exposure Limits - TWAs	
U.S North Dakota - Air Pollutants - Guideline Concentrations - 2	1-Hour
U.S Oregon - Permissible Exposure Limits - TWAs	
RTK - U.S Pennsylvania - RTK (Right to Know) List	
U.S Tennessee - Occupational Exposure Limits - TWAs	
U.S Texas - City of Austin - Aerosol Paint and Glue Restrictions	
U.S Texas - Effects Screening Levels - Long Term	
U.S Texas - Effects Screening Levels - Short Term	
U.S Vermont - Permissible Exposure Limits - TWAs	
U.S Washington - Permissible Exposure Limits - STELs	
U.S Washington - Permissible Exposure Limits - TWAs	
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47	-7)
U.S Texas - Effects Screening Levels - Long Term	
U.S Texas - Effects Screening Levels - Short Term	
Alcohols, C9-11, ethoxylated (68439-46-3)	
IIS - Texas - Effects Screening Levels - Long Term	

U.S. - Texas - Effects Screening Levels - Long Term

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

U.S. - Texas - Effects Screening Levels - Short Term

#### D-Limonene (5989-27-5)

U.S. - Maine - Chemicals of Concern

U.S. - Minnesota - Chemicals of High Concern

U.S. - Minnesota - Chemicals of High Concern - Persistent Bioaccumulative Toxins

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

**Canadian Regulations** 

Sodium lauryl sulfate (151-21-3)

Listed on the Canadian DSL (Domestic Substances List)

Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt (9004-82-4)

Listed on the Canadian DSL (Domestic Substances List)

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (61789-40-0)

Listed on the Canadian DSL (Domestic Substances List)

Ethvl alcohol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)

Listed on the Canadian DSL (Domestic Substances List)

Alcohols, C9-11, ethoxylated (68439-46-3)

Listed on the Canadian DSL (Domestic Substances List)

D-Limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

Poly(oxy-1,2-ethanediyl), .alpha.-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl]-.omega.-hydroxy- (67674-67-3) Listed on the Canadian DSL (Domestic Substances List)

#### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest** 

: 07/11/2019

Revision **Other Information** 

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

**GHS Full Text Phrases:** 

Acute Tox. 4	Acute toxicity (inhalation:dust,mist) Category 4
(Inhalation:dust,mist)	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Sol. 2	Flammable solids Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1B	Skin sensitization, category 1B
STOT SE 3	Specific target organ toxicity (single exposure) Category 3

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

	H225	Highly flammable liquid and vapor
	H226	Flammable liquid and vapor
	H228	Flammable solid
	H302	Harmful if swallowed
	H304	May be fatal if swallowed and enters airways
	H315	Causes skin irritation
	H317	May cause an allergic skin reaction
	H318	Causes serious eye damage
	H319	Causes serious eye irritation
	H320	Causes eye irritation
	H332	Harmful if inhaled
	H335	May cause respiratory irritation
	H400	Very toxic to aquatic life
	H401	Toxic to aquatic life
	H410	Very toxic to aquatic life with long lasting effects
	H411	Toxic to aquatic life with long lasting effects
	H412	Harmful to aquatic life with long lasting effects
NFPA Health Hazard :		: 3 - Materials that, under emergency conditions, can cause
		serious or permanent injury.
		: 1 - Materials that must be preheated before ignition can
	<b>_</b>	
NFPA Reactivity Hazard :		: 0 - Material that in themselves are normally stable, even under fire conditions.
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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. NA GHS SDS 2015 (Can, US)