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SAFETY DATA SHEET

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Section 1. Identification	on	
GHS product identifier	•	LX-A-1001 FOAMABLE LATEX
Chemical name	:	Mixture
CAS number	:	Mixture
Other means of identification	:	FO20029475
Product type	:	liquid
<u>Relevant identified uses of the subs</u> Product use	stance :	e or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	POLYONE CORPORATION
		33587 Walker Road, Avon Lake, OH 44012
		1 (440) 930-1000 or 1 (866) POLYONE
Emergency telephone number (with hours of operation)	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	:	CARCINOGENICITY - Category 1B
GHS label elements		

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Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	May cause cancer.
Precautionary statements		
General	:	Not applicable.
Prevention	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
Response	:	IF exposed or concerned: Get medical attention.
Storage	:	Store in a well-ventilated place.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	FO20029475

CAS number/other identifiers

Ingredient name	%	CAS number
Sodium dodecylbenzenesulfonate	1 - 5	25155-30-0
Titanium dioxide	1 - 5	13463-67-7
Acrylamide	0.1 - 1	79-06-1

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require

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reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential	acute	health	effects
-			

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.



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Over-exposure signs/symptoms

Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Specific treatments	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or CO_2 . None known.
Specific hazards arising from the chemical Hazardous thermal decomposition products	:	In a fire or if heated, a pressure increase will occur and the container may burst. Decomposition products may include the following materials: metal oxide/oxides
Special protective actions for fire- fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures



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Personal precautions, protective equipment and emergency procedures

For non-emergency personnel For emergency responders	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containment	nt ai	nd cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Approach 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 spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator.

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		Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	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. Store in a well-ventilated place. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Titanium dioxide	OSHA PEL 1989 (1989-03-01)
	PEL: Permissible Exposure Level 10 mg/m3 Form: Total dust
	OSHA PEL (1993-06-30)
	PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust
	NIOSH REL (1994-06-01)
	ACGIH TLV (1996-05-18)
	TLV-TWA: Threshold Limit Value - Time weighted average PEL:
	Permissible Exposure Level 10 mg/m3
Acrylamide	OSHA PEL 1989 (1989-03-01)
	PEL: Permissible Exposure Level 0.03 mg/m3
	OSHA PEL (1993-06-30)
	PEL: Permissible Exposure Level 0.3 mg/m3
	NIOSH REL (1994-06-01)
	Time Weighted Average (TWA) 0.03 mg/m3
	ACGIH TLV (1996-05-18)
	TLV-TWA: Threshold Limit Value - Time weighted average PEL:



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		Permissible Exposure Level 0.03 mg/m3 Form: Inhalable fraction and vapor
Appropriate engineering controls Environmental exposure controls	:	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures		
Hygiene measures Eye/face protection	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be
Other skin protection	:	approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this 7/18

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Respiratory protection

product.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

:

Appearance

		1:
Physical state	:	liquid [liquid]
Color	:	WHITE
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
	:	Upper: Not available. Not available.
(flammable) limits	:	
(flammable) limits Vapor pressure	:	Not available.
(flammable) limits Vapor pressure Vapor density	: : : : : : : : : : : : : : : : : : : :	Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility	: : : : : : : : : : : : : : : : : : : :	Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density	: : : : : : : : : : : : : : : : : : : :	Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water	: : : : : : : : : : : : : : : : : : : :	Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water	: : : : : : : : : : : : : : : : : : : :	Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature		Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water		Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature SADT		Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
(flammable) limits Vapor pressure Vapor density Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature		Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: Stable under recommended storage and handling conditions (see Section 7).

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Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	Keep away from strong acids. Oxidizer.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Sodium dodecylbenzenesulfo	onate			
-	LD50 Oral	Rat	438 mg/kg	-
Titanium dioxide	•			•
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-
Acrylamide	<u>.</u>			·
	LD50 Oral	Rat	203 mg/kg	-
	LD50 Oral	Rat	124 mg/kg	-
	LD50 Oral	Rat	175 mg/kg	-
	LD50 Dermal	Rat	400 mg/kg	-
	LD50 Dermal	Rat	400 mg/kg	-
	LD50 Dermal	Rabbit	1,150 mg/kg	-
C 1 /C	Minte	wa Nat falls tootad		

Conclusion/Summary

: Mixture.Not fully tested.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Sodium	Eyes - Severe	Rabbit			-
dodecylbenzenesulfonate	irritant				
	Skin -	Rabbit		24 hrs	-
	Moderate				
	irritant				
	Eyes - Severe	Rabbit		24 hrs	-
	irritant				
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				



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Acrylamide	Skin - Mild	Rabbit		24 hrs	-
	irritant				
	Eyes - Mild	Rabbit			-
	irritant				
	Eyes - Mild	Rabbit		0.008 hrs	-
	irritant	D 11		0.4.1	
	Eyes -	Rabbit		24 hrs	-
	Moderate irritant				
	Skin - Mild	Rabbit		72 hrs	
	irritant	Kabbit		72 1118	-
Conclusion/Summary					
Skin	: N	lixture.Not full	y tested.		
Eyes		lixture.Not full			
Respiratory	: N	lixture.Not ful	y tested.		
Sensitization					
Conclusion/Summary					
Skin	: N	lixture.Not full	v tested		
Respiratory		lixture.Not full			
Respiratory	• 1,	inter on (or fur	y costoa.		
Mutagenicity					
Conclusion/Summary	: N	lixture.Not ful	y tested.		
Carcinogenicity					
Conclusion/Summary	: N	lixture.Not full	v tested		
Classification	• 1,	inter on (or fur	y tostoa.		
Product/ingredient	OSHA	IARC	NTP		
name					
Titanium dioxide		2B			
Acrylamide		2A			
<u>Reproductive toxicity</u>					
Conclusion/Summary	: N	lixture.Not ful	y tested.		
Teratogenicity					
Conclusion/Summary	: N	fixture.Not ful	y tested.		
Specific target organ toxic	city (single exposu	<u>ıre)</u>			
Not available.					
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Specific target organ toxicity (repea Not available.	nted (exposure)
Aspiration hazard Not available.		
Information on the likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Symptoms related to the physical, cl	nemi	cal and toxicological characteristics
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Delayed and immediate effects and a	also (chronic effects from short and long term exposure
Delayed and immediate effects and a Short term exposure	also (chronic effects from short and long term exposure
Short term exposure		
<u>Short term exposure</u> Potential immediate effects	:	Not available.
Short term exposure		
<u>Short term exposure</u> Potential immediate effects	:	Not available.
<u>Short term exposure</u> Potential immediate effects Potential delayed effects <u>Long term exposure</u>	:	Not available.
<u>Short term exposure</u> Potential immediate effects Potential delayed effects	:	Not available. Not available.
<u>Short term exposure</u> Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects	::	Not available. Not available. Not available.
<u>Short term exposure</u> Potential immediate effects Potential delayed effects <u>Long term exposure</u> Potential immediate effects Potential delayed effects	::	Not available. Not available. Not available.
Short term exposurePotential immediate effectsPotential delayed effectsLong term exposurePotential immediate effectsPotential delayed effectsPotential chronic health effectsConclusion/Summary	::	Not available. Not available. Not available. Not available. Mixture.Not fully tested.
Short term exposurePotential immediate effectsPotential delayed effectsLong term exposurePotential immediate effectsPotential delayed effectsPotential chronic health effectsConclusion/SummaryGeneral	::	Not available. Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards.
Short term exposurePotential immediate effectsPotential delayed effectsLong term exposurePotential immediate effectsPotential delayed effectsPotential chronic health effectsConclusion/Summary		Not available. Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. May cause cancer. Risk of cancer depends on duration and level of
Short term exposurePotential immediate effectsPotential delayed effectsLong term exposurePotential immediate effectsPotential delayed effectsPotential chronic health effectsConclusion/SummaryGeneral Carcinogenicity		Not available. Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards.
Short term exposurePotential immediate effectsPotential delayed effectsLong term exposurePotential immediate effectsPotential delayed effectsPotential chronic health effectsConclusion/SummaryGeneral		Not available. Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. May cause cancer. Risk of cancer depends on duration and level of exposure.
Short term exposurePotential immediate effectsPotential delayed effectsLong term exposurePotential immediate effectsPotential delayed effectsPotential chronic health effectsConclusion/SummaryGeneral CarcinogenicityMutagenicity		Not available. Not available. Not available. Not available. Mixture.Not fully tested. No known significant effects or critical hazards. May cause cancer. Risk of cancer depends on duration and level of exposure. No known significant effects or critical hazards.

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Fertility effects

: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	9,707.1 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Sodium dodecylbenzenesulfo	nate		
	Acute LC50 1.68 mg/l Fresh water	Fish - Fish	96 h
	Acute LC50 3.4 mg/l Fresh water	Fish - Fish	96 h
	Acute LC50 1.18 mg/l Fresh water	Fish - Fish	96 h
	Acute LC50 3.7 mg/l Fresh water	Fish - Fish	96 h
	Acute LC50 3.7 mg/l Fresh water	Fish - Fish	96 h
	Acute EC50 7.5 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
	Acute EC50 6.3 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
	Acute EC50 7.81 mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h
	Acute EC50 7.81 mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h
	Acute EC50 0.15 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
	Acute EC50 0.2 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
	Acute EC50 5.88 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
	Acute EC50 70,270 µg/l Fresh water	Aquatic plants - Algae	96 h
	Acute IC50 112.4 mg/l	Aquatic plants - Algae	72 h
	Acute EC50 29,000 µg/l Fresh water	Aquatic plants - Algae	96 h
	Acute EC50 171,960 µg/l Fresh water	Aquatic plants - Algae	96 h
	Acute EC50 70.27 mg/l Fresh	Aquatic plants - Algae	96 h



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	water		
Titanium dioxide		1	1
	Acute LC50 > 1,000,000 µg/l	Fish - Fish	96 h
	Marine water		
	Acute LC50 > 1,000 mg/l Fresh	Fish - Fish	96 h
	water		
	Acute LC50 13 mg/l Fresh water	Aquatic invertebrates.	48 h
		Daphnia	
	Acute LC50 6.5 mg/l Fresh water	Aquatic invertebrates.	48 h
		Daphnia	
	Acute LC50 3 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
	Acute LC50 15.9 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
	Acute LC50 3.6 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
	Acute LC50 11 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	40.1
	Acute LC50 13.4 mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	40.1
	Acute EC50 27.8 mg/l Fresh water	Aquatic invertebrates.	48 h
	A	Daphnia	40.1
	Acute EC50 19.3 mg/l Fresh water	Aquatic invertebrates.	48 h
	A outo EC50 25 206 mg/l Eroch	Daphnia A quatia invertabrates	48 h
	Acute EC50 35.306 mg/l Fresh water	Aquatic invertebrates. Daphnia	48 n
Acrylamide	water	Dapinna	
Aciyiannuc	Acute LC50 109,000 µg/l Fresh	Fish - Fish	96 h
	water	11511 - 11511	90 II
	Acute EC50 85,000 µg/l Fresh	Fish - Fish	96 h
	water	1 1511 - 1 1511	J 0 II
	Acute LC50 100,000 µg/l Fresh	Fish - Fish	96 h
	water		90 II
	Acute EC50 86,000 µg/l Fresh	Fish - Fish	96 h
	water		J U
	Acute EC50 88,000 µg/l Fresh	Fish - Fish	96 h
	water		
	Acute LC50 160.000 ug/l Fresh	Aquatic invertebrates.	48 h
	Acute LC50 160,000 µg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
	Acute LC50 160,000 µg/l Fresh water	Daphnia	48 h 48 h
	Acute LC50 160,000 µg/l Fresh		
	Acute LC50 160,000 μg/l Fresh water Acute EC50 98,000 μg/l Fresh	Daphnia Aquatic invertebrates.	
	Acute LC50 160,000 µg/l Fresh water Acute EC50 98,000 µg/l Fresh water	Daphnia Aquatic invertebrates. Daphnia	48 h
	Acute LC50 160,000 μg/l Fresh waterAcute EC50 98,000 μg/l Fresh waterChronic NOEC 7.55 mg/l Fresh	Daphnia Aquatic invertebrates. Daphnia	48 h



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	Chronic No water	OEC 7.55 mg/l Fresh	Fish - Fish	33 d
Conclusion/Summary	:	Not available.		
Persistence and degradability	<u>Y</u>			
Conclusion/Summary	:	Not available.		

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Sodium	1.96	-	low
dodecylbenzenesulfonate			
Titanium dioxide		352.00	low
Acrylamide	-0.9	-	low

Mobility in soil

Soil/water partition coefficient	:	Not available.
(KOC)		
Other adverse effects	:	No known significant effects or critical hazards.

Section 13. Disposal considerations

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

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

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Section 14. Transport information

U.S. DOT Classification	:	Not regulated for transportation.
ICAO/IATA	:	Consult mode specific transport rules
IMO/IMDG (maritime)	:	Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations	 United States - TSCA 12(b) - Chemical export notification: None of the components are listed. United States - TSCA 4(a) - Final Test Rules: Not listed United States - TSCA 4(a) - ITC Priority list: Not listed United States - TSCA 4(a) - Proposed test rules: Not listed United States - TSCA 4(f) - Priority risk review: Not listed United States - TSCA 4(f) - Priority risk review: Not listed United States - TSCA 5(a)2 - Final significant new use rules: Not listed United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed United States - TSCA 5(e) - Substances consent order: Not listed United States - TSCA 6 - Final risk management: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined United States - TSCA 8(a) - Preliminary assessment report (PAIR): Listed Poly(dimethylsiloxane) United States - TSCA 8(d) - Health and safety studies: Not listed United States - EPA Clean water act (CWA) section 311 - Hazardous substances: Listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed
	United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed

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Clean Air Act Section 112(b)	:	Not listed
Hazardous Air Pollutants (HAPs)		
Clean Air Act Section 602 Class I	:	Not listed
Substances		
Clean Air Act Section 602 Class II	:	Not listed
Substances		Not lists d
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential		Not listed
Chemicals)	•	Not fisted
Chemicals)		

US. EPA CERCLA Hazardous Substances (40 CFR 302)

:

:

Chemical Name	CAS-No.	RQ for component
Sodium	25155-30-0	1,000 lb(s)
dodecylbenzenesulfonate		454 kg

SARA 311/312

Classification

Delayed (chronic) health hazard

Composition/information on ingredients

Name	%	Classification	
Sodium dodecylbenzenesulfonate	1 - 5	F, AH	
Titanium dioxide	1 - 5	СН	
Acrylamide	0.1 - 1	AH, CH	

SARA 313

	Product name	CAS number	%
Form R - Reporting	Acrylamide	79-06-1	0.1 - 1
requirements			
Supplier notification	Acrylamide	79-06-1	0.1 - 1
	-		

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations Massachusetts

The following components are listed:

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New York	 Sodium dodecylbenzenesulfonate Titanium dioxide The following components are listed: Sodium dodecylbenzenesulfonate Acrylamide
New Jersey	: The following components are listed:
	Sodium dodecylbenzenesulfonate Titanium dioxide
	Acrylamide
Pennsylvania	: The following components are listed:
	Sodium dodecylbenzenesulfonate
	Titanium dioxide

Acrylamide

<u>California Prop. 65</u> WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

United States inventory (TSCA 8b)	:	All components are listed or exempted.
Canada inventory	:	At least one component is not listed in DSL but all such components are listed in NDSL.
International regulations		
International lists	:	 Australia inventory (AICS): Not determined. Taiwan inventory (CSNN): Not determined. Malaysia Inventory (EHS Register): Not determined. EINECS: Not determined. Japan inventory: Not determined. China inventory (IECSC): Not determined. Korea inventory: Not determined. New Zealand Inventory of Chemicals (NZIoC): Not determined. Philippines inventory (PICCS): Not determined.
Chemical Weapons Convention List Schedule I Chemicals	:	Not listed
Chemical Weapons Convention List Schedule II Chemicals	:	Not listed
Chemical Weapons Convention List Schedule III Chemicals	:	Not listed

Section 16. Other information

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History			
Date of printing	:	02/05/2016	
Date of issue/Date of revision	:	02/04/2016	
Date of previous issue	:	04/27/2012	
Version	:	1.1	
Key to abbreviations	:	ATE = Acute Toxicity Estimate	
•		BCF = Bioconcentration Factor	
		GHS = Globally Harmonized System of Classification and Labelling of	
		Chemicals	
		IATA = International Air Transport Association	
		IBC = Intermediate Bulk Container	
		IMDG = International Maritime Dangerous Goods	
		LogPow = logarithm of the octanol/water partition coefficient	
		MARPOL $73/78$ = International Convention for the Prevention of Pollution	
		From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine	
		pollution)	
		UN = United Nations	
References	:	Not available.	

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