

Safety data sheet

according to 29 CFR 1910.1200

UF447 - Proshield® featuring Apexamer™ Technology

Date of compilation: 10/23/2019 Revised: 3/20/2020

Version: 3 (Replaced 2)

SECTION 1: IDENTIFICATION

- 1.1 GHS Product identifier: UF447 Proshield® featuring Apexamer™ Technology
- 1.2 Recommended use of the chemical and restrictions on use:
- Relevant uses: Chemical cleaning products Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Cleaning Systems, Inc. 1997 American Blvd 54115 De Pere - United States Phone.: 9203372175 - Fax: 9203379410
 - chemcompliance@cleaningsystemsinc.com http://cleaningsystemsinc.com
- 1.4 Emergency phone number: 1-800-424-9300 or 1-703-527-3887

SECTION 2: HAZARD(S) IDENTIFICATION

2.1	Classification of the substance or mixture: 29 CFR 1910.1200:
	Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.
	Acute Tox. 4: Acute toxicity if swallowed, Category 4, H302
	Eye Dam. 1: Serious eye damage, Category 1, H318
	Skin Corr. 1B: Skin corrosion, Category 1B, H314
2.2	Label elements:
	29 CFR 1910.1200:
	Danger
	Hazard statements:
	Acute Tox. 4: H302 - Harmful if swallowed
	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage
	Precautionary statements:
	P264: Wash thoroughly after use P280: Wear protective gloves/protective clothing/eye protection/face protection P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
	P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing 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/doctor
	P501: Dispose of contents and / or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively
	Substances that contribute to the classification
	Quaternary Ammonium Compounds ; 2-butoxyethanol; Quaternary Ammonium Compounds; Alkoxylated Fatty Amine, Quaternary Ammonium Chloride
	Acute Toxicity Estimate (ATE mix):
	37.59 % (oral), 63.91 % (dermal), 63.91 % (inhalation) of the mixture consists of ingredient(s) of unknown toxicity Additional labeling:
0.0	Keep out of the reach of children
2.3	Hazards not otherwise classified (HNOC):



of c	compilation: 10/23/2019	9 Revised: 3/20/2020 Version: 3 (Replaced 2)	
EC	TION 2: HAZARD(S) IDENTIFICATION (continued)	
1	Substances: Non-applicable Non-applicable		
2	Components:	Aqueous mixture composed of chemical products for cleaning products	
	Remaining componer and/or exact percenta §1910.1200.Therefor	nts are non-hazardous and/or present at amounts below reportable limits. The specific cher age (concentration) of composition has been withheld as a trade secret in accordance with pa re, in accordance with Appendix D to § 1910.1200, the product contains:	mical identity aragraph (i) of
	Identification	Chemical name/Classification	Concontrati
	Identification CAS: Proprietary	Chemical name/Classification Quaternary Ammonium Compounds Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger	Concentration
		Quaternary Ammonium Compounds	
	CAS: Proprietary	Quaternary Ammonium Compounds Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger 2-butoxyethanol	15 - <35 %
	CAS: Proprietary CAS: 111-76-2	Quaternary Ammonium Compounds Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger 2-butoxyethanol Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Flam. Liq. 4: H227; Skin Irrit. 2: H315 - Warning Quaternary Ammonium Compounds	15 - <35 % 5 - <10 %

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary measures:

Request medical assistance immediately, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Request immediate medical assistance, showing the SDS of this product. Do not induce vomiting, because its expulsion from the stomach can be hazardous to the mucus of the main digestive tract, and its inhalation, to the respiratory system. Rinse out the mouth and throat, as they may have been affected during ingestion. In the case of loss of consciousness do not administrate anything orally unless supervised by a doctor. Keep the person affected at rest.

- CONTINUED ON NEXT PAGE -

- 4.2 Most important symptoms/effects, acute and delayed:
- Acute and delayed effects are indicated in sections 2 and 11.
- 4.3 Indication of immediate medical attention and special treatment needed, if necessary:



according to 29 CFR 1910.1200

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SECTION 4: FIRST-AID MEASURES (continued)

Non-applicable

SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Suitable (and unsuitable) extinguishing media: Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use full jet water as an extinguishing agent.
- 5.2 Specific hazards arising from the chemical:
 As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.
- 5.3 Special protective equipment and precautions for fire-fighters:
 Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)
 Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures: Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.
- 6.2 Environmental precautions:

The characteristic of corrosivity per RCRA could apply to the unused product if it becomes a waste material. The EPA hazardous waste number D002 could apply. It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing.

- 6.3 Methods and materials for containment and cleaning up: It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.
- 6.4 Reference to other sections: See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling:
 - A.- Precautions for safe manipulation

Comply with the current standards 29 CFR 1910 Occupational Safety and Health Standards. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

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SECTION 7: HANDLING A	SECTION 7: HANDLING AND STORAGE (continued)							
D Technical recommend It is recommended to	dations to prevent environm have absorbent material av ge, including any incompatit orstorage -4 °F 120 °F	vailable at close proximity to the product (See subsection 6.3)						
7.3 Specific end use(s):	· · · ·	and contact with food. For additional information see subsection 10.5 necessary to provide any special recommendation regarding the uses of this						
SECTION 8: EXPOSURE (CONTROLS/PERSONA	AL PROTECTION						

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace Identification Environmental limits Chloromethane 8-hour TWA PEL 100 ppm CAS: 74-87-3 Ceiling Values - TWA 200 ppm PEL 8-hour TWA PEL 50 ppm 240 mg/m³ 2-butoxvethano Ceiling Values - TWA CAS: 111-76-2 PEL 8-hour TWA PEL 200 ppm 260 mg/m³ Methanol Ceiling Values - TWA CAS: 67-56-1 PEL

8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measures, such as personal protective equipment As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded. C.- Specific protection for the hands

Pictogram	PPE	Remarks
	Protective gloves against minor risks	Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional /industrial users, we recommend using chemical protection gloves. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR)
Mandatory hand protection		
As the product is total reli	a mixture of several substances, the res ability and has therefore to be checked	istance of the glove material can not be calculated in advance with prior to the application

D.- Ocular and facial protection



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_	18: EXPOSUF	<u>RE COI</u>	NTROLS/PERSONAL F	PROTEC	TION (continued)	
	Pictogram		PPE			Remarks
	Mandatory face protection	Panoram	ic glasses against splash/projecti	Clean ons. Use if	daily and disinfect periodically there is a risk of splashing. Usi use limitations and OSI	according to the manufacturer's instructi e this PPE in accordance with manufactu HA standard 1910.133 (29CFR)
E	Pictogram		PPE			Remarks
			Work clothing		Replace before an	y evidence of deterioration.
-			Anti-slip work shoes		Replace before an	y evidence of deterioration.
с Б Л	Emergency me	asure	Standards		Emergency measure	Standards
· 4	Ť	,	ANSI Z358-1 ISO 3864-1:2011, ISO 3864	-4:2011	©+ T	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2017
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SECTION 9: PHYSICAL AND	D CHEMICAL PROPE	RTIES (continued)
Kinematic viscosity at 68 °F Kinematic viscosity at 104 °C Concentration: pH: Vapour density at 68 °F: Partition coefficient n-octand Solubility in water at 68 °F: Solubility properties: Decomposition temperature Melting point/freezing point Explosive properties: Oxidising properties: Flammability: Flash Point: Flammability (solid, gas): Autoignition temperature: Lower flammability limit: Upper flammability limit: Explosive: Lower explosive limit: Upper explosive limit: 9.2 Other information: Surface tension at 68 °F: Refraction index:	PF: ol/water 68 ⁰F: ∋:	Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable * A60 °F Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable * Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7. 10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected. 10.4

4	Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
	Applicable toplicabeling an	d storagetat progratemper	ature: Precaution	Precaution	Not applicable

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Precaution	Not applicable	Avoid alkalis or strong bases

10.5 Incompatible materials:

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

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CleaningSystemsInc.com Date of compilation: 10/23/2019 Revised: 3/20/2020 Version: 3 (Replaced 2) SECTION 11: TOXICOLOGICAL INFORMATION 11.1 Information on toxicological effects: The experimental information related to the toxicological properties of the product itself is not available Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time. Dangerous health implications: In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure: A- Indestion (acute effect): Acute toxicity : The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
 Corrosivity/Irritability: Corrosive product, if it is swallowed causes burns destroying the tissues. For more information about secondary effects from skin contact see section 2. B- Inhalation (acute effect): - Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for inhalation. For more information see section 3. Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract C- Contact with the skin and the eyes (acute effect): - Contact with the skin: Above all, skin contact may occur as fabrics of all thicknesses can be destroyed, resulting in burns. For more information on the secondary effects see section 2. Contact with the eyes: Produces serious eye damage after contact. D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction): - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3. IARC: Chloromethane (3); 2-butoxyethanol (3) Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
 Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as classified as dangerous for this effect. For more information see section 3. E- Sensitizing effects: Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
 Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3. F- Specific target organ toxicity (STOT) - single exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3. G- Specific target organ toxicity (STOT)-repeated exposure: Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
 Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3. H- Aspiration hazard: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3. Other information: Non-applicable Specific toxicology information on the substances:



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Identification	A	Acute toxicity		
2-butoxyethanol	LD50 oral	1414 mg/kg	Rat	
CAS: 111-76-2	LD50 dermal	1060 mg/kg	Rabbi	
	LC50 inhalation	11 mg/L (4 h)	Rat	
Quaternary Ammonium Compounds	LD50 oral	500 mg/kg (ATEi)		
CAS: Proprietary	LD50 dermal	Non-applicable		
	LC50 inhalation	Non-applicable		
Quaternary Ammonium Compounds	LD50 oral	960 mg/kg	Rat	
CAS: Proprietary	LD50 dermal	Non-applicable		
	LC50 inhalation	Non-applicable		
Alkoxylated Fatty Amine, Quaternary Ammonium Chloride	LD50 oral	500 mg/kg (ATEi)		
CAS: Non-applicable	LD50 dermal	Non-applicable		
	LC50 inhalation	Non-applicable		

	Ingredient(s) of unknown toxicity	
Oral	1180.56 mg/kg (Calculation method)	37.59 %
Dermal	3917.98 mg/kg (Calculation method)	63.91 %
Inhalation	40.57 mg/L (4 h) (Calculation method)	63.91 %

	Identification		Acute toxicity	Species	Genus
	perimental information related to the eco-toxicological p	LC50	s at the product itself is n	ot available macrochirus	Fish
2.1 Ec	Stoxicity (aquatic and terrestrial, where available):	EC50	1815 mg/L (48 h)	Daphnia magna	Crustacear
		EC50	911 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
	Quaternary Ammonium Compounds	LC50	Non-applicable		
	CAS: Proprietary	EC50	Non-applicable		
		EC50	0.06 mg/L (72 h)	N/A	Algae
	Hexylene Glycol	LC50	9910 mg/L (96 h)	Gambussia afinis	Fish
	CAS: 107-41-5	EC50	5410 mg/L (48 h)	Daphnia magna	Crustacear
		EC50	Non-applicable		

	Identification	Degra	adability	Biodegradab	bility
		BOD5	0.71 g O2/g	Concentration	100 mg/L
12 2 P	ersistence and degradability:	COD	2.2 g O2/g	Period	14 days
12.21		BOD5/COD	0.32	% Biodegradable	96 %
	Quaternary Ammonium Compounds	BOD5	Non-applicable	Concentration	Non-applicable
	CAS: Proprietary	COD	Non-applicable	Period	28 days
		BOD5/COD	Non-applicable	% Biodegradable	82 %
	Hexylene Glycol	BOD5	0.002 g O2/g	Concentration	100 mg/L
	CAS: 107-41-5	COD	0.2 g O2/g	Period	14 days
		BOD5/COD	0.009	% Biodegradable	76.4 %

	Identification	Bioaccumulation potential		
		BCF	3	
	CAS: 111-76-2	Pow Log	0.83	
12.3 Bi	paccumulative potential:	Potential	Low	



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SECTION 12: ECOLOGICAL INFORMATION (continued)							
	Iden		Bioaccumulation potential				
	Hexylene Glycol		B	CF			
	CAS: 107-41-5				Pow Log 0.14		
			P	otential			
12.4 M	Identification	Absorp	Absorption/desorption		Volatility		
	2-butoxyethanol	Кос	8	Henry	1.621E-1 Pa·m³/m		l
	CAS: 111-76-2	Conclusion	Very High	Dry soil		No	l
		Surface tension	2.729E-2 N/m (77 °F)	Moist soil		Yes	l

Non-applicable

Non-applicable

1.577E-2 N/m (77 °F)

Henry

Dry soil

Moist soil

Koc

Conclusion

Surface tension

12.5 Results of PBT and vPvB assessment:

Non-applicable

Hexylene Glycol CAS: 107-41-5

12.6 Other adverseeffects:

Not described SECTION 13: DISPOSAL CONSIDERATION

13.1 Disposal methods:

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations. In case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See epigraph 6.2.

Regulations related to waste management:

Legislation related to waste management:

40 CFR Part 261- IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to 49 CFR on the Transport of Dangerous Goods:

0			
Â	14.1	UN number:	UN2735
	14.2	UN proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (Quaternary Ammonium Compounds)
	14.3	–	8
8		Transport hazard class(es):	8
\mathbf{v}		Labels:	
	14.4	Packing group, if applicable:	No
	14.5	Marine pollutant:	
	14.6	Special precautions which a use transport or conveyance either w Physico-Chemical properties: Transport in bulk (according to Annex II of MARPOL 73/78 and	r needs to be aware of, or needs to comply with, in connection with vithin or outside their premises see section 9 Non-applicable
	14.7	the IBC Code):	
Transport of dan With regard to II	0	0 ,	

Non-applicable

Non-applicable

Non-applicable



e of compilation: 10/23/2			ersion: 3 (Replaced2)
SECTION 14: TRAN	SPOF	RT INFORMATION (continue	d)
Â	14.1	UN number:	
	14.2	UN proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (Quaternary Ammonium Compounds) 8
8	14.3	Transport hazard class(es):	8
	14.4	Labels:	III
	14.5	Packing group, if applicable: Marine pollutant:	Νο
	14.6 14.7		r needs to be aware of, or needs to comply with, in connection with vithin or outside their premises see section 9 Non-applicable
Transport of dar With regard to IA		s goods by air:	
5	14.1		UN2735
	14.2	UN proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (Quaternary Ammonium Compounds)
Â	14.3	Transport hazard class(es):	8
	14.4	Labels:	
	1 A E	Packing group, if applicable:	Νο
8	14.5 14.6 14.7	Marine pollutant: Special precautions which a user transport or conveyance either w Physico-Chemical properties: Transport in bulk (according to Annex II of MARPOL 73/78 and	r needs to be aware of, or needs to comply with, in connection with
	_	DRY INFORMATION onmental regulations specific for th	he product in question:
		, ,	ng (Section 313): 2-butoxyethanol
The Toxic Substa Compounds ; He Massachusetts R New Jersey Work New York RTK -	nces C xylene TK - Si ter and Substa	ontrol Act (TSCA) : Quaternary Arr Glycol ; Alkoxylated Fatty Amine, ubstance List: Non-applicable Community Right-to-Know Act: 2-t nce list: 2-butoxyethanol ; Hexyler	
Pennsylvania Wo CANADA-Domes Compounds ; He CANADA-Non-Do NTP (National To Minnesota - Haza Rhode Island - Ha	orker ar itic Sub xylene omestic oxicolog ardous azardou	nd Community Right-to-Know Law stances List (DSL): Quaternary An Glycol ; Alkoxylated Fatty Amine, c Substances List (NDSL): Non-app gy Program): Non-applicable substances ERTK: 2-butoxyethan us substances RTK: 2-butoxyethar	: 2-butoxyethanol ; Hexylene Glycol monium Compounds ; 2-butoxyethanol ; Quaternary Ammonium Quaternary Ammonium Chloride licable ol ; Hexylene Glycol nol ; Hexylene Glycol
OSHA Specificall	y Regu	ilated Substances (29 CFR 1910.1	1001-1096): Non-applicable
		release notification under CERCL/ rms of protecting people or the env	A sections 102-103 (40 CFR Part 302): Non-applicable
It is recommende	d to us	e the information included in this s	safety data sheet as data used in a risk evaluation of the local ention measures for the manipulation, use, storage and disposal of this



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SECTION 15: REGULATORY INFORMATION (continued)
Other legislation: The Toxic Substances Control Act (TSCA) Occupational Safety and Health Standards (1910 Subpart Z - Toxic and Hazardous Substances)
SECTION 16: OTHER INFORMATION
Legislation related to safety data sheets:
This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets
Texts of the legislative phrases mentioned in section 2: H314: Causes severe skin burns and eye damage H318: Causes serious eye damage
H302: Harmful if swallowed
Texts of the legislative phrases mentioned in section 3: The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3
29 CFR 1910.1200:
Acute Tox. 4: H302 - Harmful if swallowed Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled Eye Dam. 1: H318 - Causes serious eye damage Eye Irrit. 2: H319 - Causes serious eye irritation Flam. Liq. 4: H227 - Combustible liquid Skin Corr. 1B: H314 - Causes severe skin burns and eye damage Skin Irrit. 2: H315 - Causes skin irritation
Advice related to training: Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on theproduct.
Principal bibliographical sources:
Occupational Safety & Health Administration (OSHA).
Abbreviations and acronyms: IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5-day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 CL50: Lethal Concentration 50 EC50: Effective concentration 50 Log-POW: Octanol-water partition coefficient Koc: Partition coefficient of organic carbon
Manufacturer Disclaimer: The information contained in this safety date sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate: thus the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the esponsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of
SUS only reters to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET