SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

Ultracoat Ceramic Soap

Creation date	05th May 2023		
Revision date		Version	1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier — Ultracoat Ceramic Soap

Substance / mixture — mixture

UFI — 5A20-M092-M00V-PS2M

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

Mixture's intended use

Cleaning agent.

Main intended use

PC-CLN-17.1 — Exterior cleaning products - all vehicle types

Secondary uses

PC-CLN-17.OTH — Other vehicle (all types) cleaning and care products

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Supplier

Name or trade name	UMS Group Sp. z o.o.
Address	ul. Sienna 64, Warszawa, 00-825 Poland
VAT Reg No	PL5272941297
Phone	+221855925
E-mail	biuro@ultracoat.pl

Competent person responsible for the safety data sheet

Name	UMS Group Sp. z o.o.
E-mail	biuro@ultracoat.pl

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Corr. 1B, H314
Eye Dam. 1, H318

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

Causes serious eye damage. Causes severe skin burns and eye damage. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram

Signal word

Danger

Hazardous substances

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Amides, C12-14, N-[3-(dimethylamino)propyl], N-oxides

Hazard statements

H314 — Causes severe skin burns and eye damage.

H318	Causes serious eye damage.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

Requirements for child-resistant fastenings and tactile warning of danger

Container must carry a tactile warning of danger. Container must be fitted with child-resistant fastening.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and non-hazardous additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 71750-79-3 EC: 615-336-9	Siloxanes and Silicones, 3-[(2-aminoethyl) amino]propyl Me, di-Me	5-<10	Skin Corr. 1B, H314 Eye Dam. 1, H318	
CAS: 69011-36-5 EC: 953-750-4	Isotridecanol, ethoxylated (>2.5 moles EO) (CAS: 69011-36-5)	5-<10	Acute Tox. 4, H302 Eye Dam. 1, H318 Specific concentration limit: Eye Dam. 1, H318: C ≥ 10 % Eye Irrit. 2, H319: 1 % ≤ C < 10 %	
Index: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6 Registration number: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol	5-<10	Eye Irrit. 2, H319	1, 4
CAS: 147170-44-3 EC: 931-333-8 Registration number: 01-2119488533-30	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts	1-<5	Eye Dam. 1, H318 Aquatic Chronic 3, H412	
CAS: 866889-72-7 EC: 931-324-9	Amides, C12-14, N-[3-(dimethylamino) propyl], N-oxides	1-<5	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318	

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 607-002-00-6 CAS: 64-19-7 EC: 200-580-7 Registration number: 01-2119475328-30	Acetic acid	1-<5	Flam. Liq. 3, H226 Skin Corr. 1A, H314 Eye Dam. 1, H318 Specific concentration limit: Skin Corr. 1A, H314: C ≥ 90 % Skin Corr. 1B, H314: 25 % ≤ C < 90 % Skin Irrit. 2, H315: 10 % ≤ C < 25 % Eye Irrit. 2, H319: 10 % ≤ C < 25 %	1
CAS: 541-02-6 EC: 208-764-9 Registration number: 01-2119511367-43	Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-	<1		2, 3, 4
CAS: 540-97-6 EC: 208-762-8 Registration number: 01-2119517435-42	Cyclohexasiloxane, 2,2,4,4,6,6,8,8,10,10,12,12-dodecamethyl-	<1		2, 3
Index: 014-018-00-1 CAS: 556-67-2 EC: 209-136-7	octamethylcyclotetrasiloxane	<1	Repr. 2 (***), H361f Aquatic Chronic 1, H410 (M=10)	2, 3, 4

Notes

*** reproductive toxicity: supplementary letters specify whether fetal harm (d) or fertility harm (f) may occur

1 A substance for which exposure limits are set.

2 Substance of very high concern - SVHC.

3 Persistent, bioaccumulative and toxic or very persistent and very bioaccumulative

4 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Take care of your own safety, do not let the affected person walk! Beware of the contaminated clothes. Depending on the situation, call the medical rescue service and ensure medical treatment considering the frequent need of further observation for at least 24 hours.

If on skin

Remove contaminated clothes. Take off any rings, watches, bracelets before or during washing if worn in the contaminated areas of the skin. Rinse contaminated areas with a flow of water, lukewarm at best, for 10-30 minutes; do not use any brush, soap or neutralizers. Depending on the situation, call the medical rescue service and always ensure medical treatment. Rinse cautiously with water for several minutes. Rinse skin with water or shower.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

If swallowed

RINSE THE MOUTH WITH WATER IMMEDIATELY AND LET THE PERSON DRINK 2-5 dl of cold water to reduce the heating effect of the corrosive substance. Consuming larger amounts of liquid is not advisable as it may induce vomiting and potential inhaling of the corrosive substances in the lungs. The affected person must not be forced to drink, particularly if already feeling pain in the mouth or throat. In this case let the affected person only rinse the mouth with water. DO NOT PROVIDE ACTIVATED CARBON! Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible.

4.2. Most important symptoms and effects, both acute and delayed

If inhaled

Inhaling vapours can cause corrosion of the breathing system.

If on skin

Causes severe skin burns.

If in eyes

Causes serious eye damage.

If swallowed

Corrosion of the digestion system can occur.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Store locked up. Protect against frost. Chronić przed bezpośrednim nasłonecznieniem.

Storage temperature min 10 °C, max 25 °C

The specific requirements or rules relating to the substance/mixture

Maksymalny okres przechowywania: 12 miesiące (w temperaturze pokojowej)

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union **Commission Directive (EU) 2017/164**

Substance name (component)	Type	Value
Acetic acid (CAS: 64-19-7)	OEL 8 hours	25 mg/m³
	OEL 8 hours	10 ppm
	OEL 15 minutes	50 mg/m³
	OEL 15 minutes	20 ppm

European Union **Commission Directive 2006/15/EC**

Substance name (component)	Type	Value
2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)	OEL 8 hours	67,5 mg/m³
	OEL 8 hours	10 ppm
	OEL 15 minutes	101,2 mg/m³
	OEL 15 minutes	15 ppm

DNEL

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	44 mg/m³	Chronic effects local		
Workers	Dermal	12.5 mg/kg bw/day			
Consumers	Oral	7.5 mg/kg bw/day			
Consumers	Dermal	7.5 mg/kg bw/day			

2-(2-butoxyethoxy)ethanol

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	20 mg/kg	Chronic effects systemic		SDS
Workers	Inhalation	67.5 mg/l	Chronic effects systemic		SDS
Workers	Inhalation	67.5 mg/l	Chronic effects local		SDS
Consumers	Inhalation	50.6 mg/l	Acute effects local		SDS
Consumers	Dermal	10 mg/kg	Chronic effects systemic		SDS
Consumers	Inhalation	3 mg/l	Chronic effects systemic		SDS
Consumers	Oral	1.25 mg/kg	Chronic effects systemic		SDS
Consumers	Inhalation	34 mg/l	Chronic effects local		SDS

Acetic acid

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	25 mg/m³	Chronic effects local		MSDS
Workers	Inhalation	25 mg/m³	Acute effects local		MSDS
Consumers	Inhalation	25 mg/m³	Chronic effects local		MSDS
Consumers	Inhalation	25 mg/m³	Acute effects local		MSDS

Amides, C12-14, N-[3-(dimethylamino)propyl], N-oxides

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	0.5 mg/kg bw/day			MSDS
Workers	Inhalation	3.53 mg/m³	Chronic effects local		MSDS
Workers	Inhalation	2.11 mg/m³	Acute effects local		MSDS
Consumers	Inhalation	0.52 mg/m³	Acute effects local		MSDS
Consumers	Oral	2 mg/kg bw/day	Acute effects local		MSDS
Consumers	Dermal	0.25 mg/kg bw/day	Chronic effects local		MSDS
Consumers	Inhalation	0.87 mg/m³	Chronic effects local		MSDS
Consumers	Oral	0.25 mg/kg bw/day	Chronic effects local		MSDS

Cyclohexasiloxane, 2,2,4,4,6,6,8,8,10,10,12,12-dodecamethyl-

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	6.1 mg/m³	Acute effects local		MSDS
Workers	Inhalation	11 mg/m³	Chronic effects local		MSDS
Workers	Inhalation	1.22 mg/m³	Chronic effects systemic		MSDS
Consumers	Oral	1.7 mg/kg bw/day	Acute effects local		MSDS
Consumers	Inhalation	1.5 mg/m³	Acute effects local		MSDS
Consumers	Inhalation	2.7 mg/m³	Chronic effects local		MSDS
Consumers	Inhalation	0.3 mg/m³	Chronic effects systemic		MSDS
Consumers	Oral	1.7 mg/kg bw/day	Chronic effects local		MSDS

Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	24.2 mg/m³	Acute effects systemic		MSDS
Workers	Inhalation	24.2 mg/m³	Chronic effects systemic		MSDS
Workers	Inhalation	97.3 mg/m³	Chronic effects local		MSDS
Workers	Inhalation	97.3 mg/m³	Acute effects local		MSDS

octamethylcyclotetrasiloxane

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	73 mg/m³	Chronic effects local		MSDS
Workers	Inhalation	73 mg/m³	Acute effects local		MSDS
Consumers	Inhalation	13 mg/m³	Acute effects local		MSDS
Consumers	Inhalation	13 mg/m³	Chronic effects local		MSDS
Consumers	Oral	3.7 mg/kg bw/day	Chronic effects local		MSDS
Consumers	Oral	3.7 mg/kg bw/day	Acute effects local		MSDS

PNEC

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Route of exposure	Value	Value determination	Source
Drinking water	0.0135 mg/l		
Marine water	0.00135 mg/l		
Freshwater sediment	1 mg/kg		
Sea sediments	0.1 mg/kg		
Microorganisms in sewage treatment	3000 mg/kg		

2-(2-butoxyethoxy)ethanol

Route of exposure	Value	Value determination	Source
Drinking water	1 mg/l		SDS
Marine water	0.1 mg/l		SDS
Freshwater sediment	4 mg/kg		SDS
Sea sediments	0.4 mg/kg		SDS
Soil (agricultural)	0.4 mg/kg		SDS
Microorganisms in sewage treatment	200 mg/l		SDS
Oral	56 mg/kg		SDS

Acetic acid

Route of exposure	Value	Value determination	Source
Drinking water	3.058 mg/l		MSDS
Water (intermittent release)	30.58 mg/l		MSDS
Marine water	0.3058 mg/l		MSDS
Freshwater sediment	11.36 mg/kg		MSDS
Sea sediments	1.136 mg/kg		MSDS
Microorganisms in sewage treatment	85 mg/l		MSDS
Soil (agricultural)	0.47 mg/kg		MSDS

Amides, C12-14, N-[3-(dimethylamino)propyl], N-oxides

Route of exposure	Value	Value determination	Source
Drinking water	0.0034 mg/l		MSDS
Marine water	0.00034 mg/l		MSDS
Freshwater sediment	0.00485 mg/kg		MSDS
Sea sediments	0.000485 mg/kg		MSDS
Microorganisms in sewage treatment	6.674 mg/l		MSDS
Soil (agricultural)	0.00218 mg/kg		MSDS

Cyclohexasiloxane, 2,2,4,4,6,6,8,8,10,10,12,12-dodecamethyl-

Route of exposure	Value	Value determination	Source
Freshwater sediment	2.826 mg/kg		MSDS
Sea sediments	0.282 mg/kg		MSDS
Microorganisms in sewage treatment	>1 mg/l		MSDS
Soil (agricultural)	3.336 mg/kg		MSDS

Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-

Route of exposure	Value	Value determination	Source
Drinking water	0.0012 mg/l		MSDS
Marine water	0.00012 mg/l		MSDS
Freshwater sediment	2.39 mg/kg		MSDS
Sea sediments	0.239 mg/kg		MSDS
Microorganisms in sewage treatment	>10 mg/l		MSDS
Soil (agricultural)	3.34 mg/kg		MSDS

octamethylcyclotetrasiloxane

Route of exposure	Value	Value determination	Source
Drinking water	0.00044 mg/l		MSDS
Marine water	0.000044 mg/l		MSDS
Sea sediments	0.059 mg/kg		MSDS
Freshwater sediment	0.59 mg/kg		MSDS
Secondary poisoning	41 mg/l		MSDS
Microorganisms in sewage treatment	10 mg/l		MSDS
Soil (agricultural)	0.15 ml/kg		MSDS

8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2. Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	blue
Odour	charakterystyczny, owocowy
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined
Flammability	not applicable
Lower and upper explosion limit	not determined
Flash point	>61 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	4-6 (undiluted at 20 °C)
Kinematic viscosity	data not available
Solubility in water	mieszalny
Partition coefficient n-octanol/water (log value)	not determined
Vapour pressure	not determined
Density and/or relative density	
Density	1,02 g/cm³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid

There is no information on the risks of the product

9.2. Other information

brak

SECTION 10: Stability and reactivity

10.1. Reactivity

W przypadku użytkowania i magazynowania zgodnie z przeznaczeniem nie zaobserwowano reakcji niebezpiecznych.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Pary mogą tworzyć z powietrzem mieszaninę wybuchową.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD_{50}		>2000 mg/kg		Rat (Rattus norvegicus)			MSDS

2-(2-butoxyethoxy)ethanol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD_{50}		2410 mg/kg		Mouse			SDS
Dermal	LD_{50}		2764 mg/kg		Rabbit			SDS

Acetic acid

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD_{50}		3310 mg/kg		Rat (Rattus norvegicus)			MSDS

Amides, C12-14, N-[3-(dimethylamino)propyl], N-oxides

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD_{50}		>300-<2000 mg/kg		Rat (Rattus norvegicus)			MSDS
Dermal	LD_{50}		>2000 mg/kg		Rat (Rattus norvegicus)			MSDS

Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Inhalation (vapor)	LC_{50}	OECD 403	8.67 mg/l	4 hours	Rat (Rattus norvegicus)			MSDS
Dermal	LD_{50}	OECD 402	>2000 mg/kg		Rabbit			MSDS
Oral	LD_{50}	OECD 401	>5000 mg/kg		Rat (Rattus norvegicus)			MSDS

Isotridecanol, ethoxylated (>2.5 moles EO)(CAS: 69011-36-5)

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Dermal	LD_{50}		>2000 mg/kg		Rabbit			
Oral	LD_{50}		>300-2000 mg/kg		Rat (Rattus norvegicus)			

octamethylcyclotetrasiloxane

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD_{50}	OECD 401	4800 mg/kg		Rat (Rattus norvegicus)			MSDS
Dermal	LD_{50}		>2400 mg/kg		Rabbit			MSDS
Inhalation (vapor)	LC_{50}	OECD 403	36 mg/l	4 hours	Rat (Rattus norvegicus)			MSDS

Ultracoat Ceramic Soap

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	ATE		>2000 mg/kg				Calculation of value	

Skin corrosion/irritation
Causes severe skin burns and eye damage.
Serious eye damage/irritation
Causes severe skin burns and eye damage.
Respiratory or skin sensitisation
Based on available data the classification criteria are not met.
Germ cell mutagenicity
Based on available data the classification criteria are not met.
Carcinogenicity
Based on available data the classification criteria are not met.
Reproductive toxicity
Based on available data the classification criteria are not met.
Toxicity for specific target organ - single exposure
Based on available data the classification criteria are not met.
Toxicity for specific target organ - repeated exposure
Based on available data the classification criteria are not met.
Aspiration hazard
Based on available data the classification criteria are not met.

11.2. Information on other hazards
The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity
Toxic to aquatic life with long lasting effects.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Parameter	Method	Value	Exposure time	Species	Environment	Source
EC_{50}	OECD 202	1.9 mg/l	48 hours	Daphnia (Daphnia magna)		MSDS
LC_{50}	OECD 203	1.11 mg/l	96 hours	Fish (Strzelba wielkogłowa)		MSDS
ErC_{50}		2.4 mg/l	72 hours	Algae (Skeletonema costatum)		MSDS

2-(2-butoxyethoxy)ethanol

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC_{50}		1300 mg/l		Fish (Lepomis macrochirus)		SDS
EC_{50}	OECD 201	>100 mg/l		Algae (Scenedesmus subspicatus)		SDS
EC_{10}	OECD 209	>1995 mg/l				SDS
EC_{50}		2850 mg/l	48 hours	Crustaceans		SDS

Acetic acid

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC_{50}	OECD 203	300-1000 mg/l	96 hours	Fish (Oncorhynchus mykiss)		MSDS
EC_{50}	OECD 202	300-1000 mg/l	48 hours	Daphnia (Daphnia magna)		MSDS
EC_{50}		300-1000 mg/l	72 hours	Algae (Selenastrum capricornutum)		MSDS

Amides, C12-14, N-[3-(dimethylamino)propyl], N-oxides

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC_{50}	OECD 203	18 mg/l	96 hours	Fish (Oncorhynchus mykiss)		MSDS
EC_{50}	OECD 202	16 mg/l	48 hours	Daphnia (Crustacea)		MSDS
EC_{50}	OECD 201	3.4 mg/l	72 hours	Algae (Selenastrum capricornutum)		MSDS

Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-

Parameter	Method	Value	Exposure time	Species	Environment	Source
EC_{50}		>2000 mg/l	3 hours	Bacteria (Osad czynny)		MSDS

Isotridecanol, ethoxylated (>2.5 moles EO)(CAS: 69011-36-5)

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC_{50}	OECD 203	>10-100 mg/l	96 hours	Fish (Cyprinus carpio)		
EC_{50}	OECD 201	>10-100 mg/l	72 hours	Algae (Selenastrum capricornutum)		
EC_{50}	OECD 202	>10-100 mg/l	48 hours	Daphnia (Daphnia magna)		

Chronic toxicity

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Parameter	Method	Value	Exposure time	Species	Environment	Source
NOEC	OECD 210	0.135 mg/l	37 days	Fish (Oncorhynchus mykiss)		MSDS
NOEC		0.6 mg/l	3 days	Algae (Skeletonema costatum)		MSDS
NOEC	OECD 211	0.3 mg/l	3 days	Crustaceans (Daphnia magna)		MSDS

Acetic acid

Parameter	Method	Value	Exposure time	Species	Environment	Source
NOEC		300-1000 mg/l	48 days	Fish (Pisces)		MSDS
NOEC		300-1000 mg/l	3 days	Crustaceans (Daphnia magna)		MSDS

Amides, C12-14, N-[3-(dimethylamino)propyl], N-oxides

Parameter	Method	Value	Exposure time	Species	Environment	Source
NOEC	OECD 201	1.1 mg/l	3 days	Algae (Selenastrum capricornutum)		MSDS

More information

Data for the mixture are not available.

12.2. Persistence and degradability

Biodegradability

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Parameter	Method	Value	Exposure time	Environment	Result	Source
	OECD 301B	92 %	28 days		Easily biodegradable	MSDS
	OECD 311	80-90 %	60 days		Easily biodegradable	MSDS

2-(2-butoxyethoxy)ethanol

Parameter	Method	Value	Exposure time	Environment	Result	Source
	OECD 301D	76 %	28 days		Easily biodegradable	MSDS
	OECD 302B	90-100 %	8 days		Easily biodegradable	MSDS
	OECD 301E	90-100 %	14 days		Easily biodegradable	MSDS

Acetic acid

Parameter	Method	Value	Exposure time	Environment	Result	Source
		100 %			Easily biodegradable	MSDS

Amides, C12-14, N-[3-(dimethylamino)propyl], N-oxides

Parameter	Method	Value	Exposure time	Environment	Result	Source
	OECD 301B	>60 %	28 days		Easily biodegradable	MSDS

Isotridecanol, ethoxylated (>2.5 moles EO)(CAS: 69011-36-5)

Parameter	Method	Value	Exposure time	Environment	Result	Source
	OECD 301B	>60 %	28 days		Easily biodegradable	
	OECD 311	>60 %	60 days		Easily biodegradable	

Not available.

12.3. Bioaccumulative potential

2-(2-butoxyethoxy)ethanol

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]	Source
Log Pow	0.56					MSDS

Acetic acid

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]	Source
Log Pow	-0.17					MSDS

Amides, C12-14, N-[3-(dimethylamino)propyl], N-oxides

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]	Source
Log Pow	-0.06					MSDS

Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]	Source
Log Pow	8.023					

octamethylcyclotetrasiloxane

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]	Source
Log Pow	5.1					MSDS

Not available.

12.4. Mobility in soil

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Parameter	Value	Environment	Temperature	Source
BCF	71			

octamethylcyclotetrasiloxane

Parameter	Value	Environment	Temperature	Source
BCF	12400			MSDS

Not available.

12.5. Results of PBT and vPvB assessment

The product contains PBT / vPvB substances: Octamethylcyclotetrasiloxane

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number or ID number

UN 1760

14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S.

14.3. Transport hazard class(es)

8 Corrosive substances

14.4. Packing group

II - substances presenting medium danger

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

Hazard identification No.	**88**
UN number	**1760**
Classification code	C9
Safety signs	8

Air transport - ICAO/IATA

Packaging instructions passenger	850
Cargo packaging instructions	854

Marine transport - IMDG

EmS (emergency plan)	F-A, S-B
MFAG	760

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

2-(2-butoxyethoxy)ethanol

Restriction	Conditions of restriction
55	1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight. 2. Spray paints and spray cleaners in aerosol dispensers containing DEGBE and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010. 3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that paints other than spray paints containing DEGBE in concentrations equal to or greater than 3 % by weight of that are placed on the market for supply to the general public are visibly, legibly and indelibly marked by 27 December 2010 as follows: "Do not use in paint spraying equipment".

octamethylcyclotetrasiloxane

Restriction	Conditions of restriction
70	1. Shall not be placed on the market in wash-off cosmetic products in a concentration equal to or greater than 0,1 % by weight of either substance, after 31 January 2020. 2. For the purposes of this entry, "wash-off cosmetic products" means cosmetic products as defined in Article 2(1)(a) of Regulation (EC) No 1223/2009 that, under normal conditions of use, are washed off with water after application.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC_{10}	Concentration of a substance when it is affected 10% of the population
EC_{50}	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization

IUPAC	International Union of Pure and Applied Chemistry
LC_{50}	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD_{50}	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
Repr.	Reproductive toxicity
Skin Corr.	Skin corrosion

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method. Dane oparte na aktualnym stanie naszej wiedzy, nie stanowią jednak zapewnienia właściwości i nie uzasadniają stosunku prawnego. Przepisy i ustawy winny być przestrzegane przez odbiorców naszych produktów w ich własnym interesie.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.