

Safety Data Sheet according to Regulation (EU) 2020/878 Date of issue: 05 09 2019

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SECTION 1: Identifica	ation of the substance/mixture and of the company/undertaking
1.1. Product identifie	r
Product form	: Mixture
Product name	: DIRKO [™] HT Black
Product code	: 458.422 (20 ml), 006.553 (70 ml)
UFI	: HA00-C0F3-200X-Q5G5
1.2. Relevant identifie	ed uses of the substance or mixture and uses advised against
1.2.1.Relevant identifieIntended for general public	ed uses
Use of the substance/mixtur	re : Sealants
1.2.2. Uses advised ag	ainst
No additional information av	ailable
1.3. Details of the su	pplier of the safety data sheet
Manufacturer ElringKlinger AG Max-Eyth-Straße 2 72581 Dettingen/Erms - Ger T +49 (0)7123 724 799	Supplier

det.iam.sdb@elringklinger.com

Safety Data Sheet: DLAC Dienstleistungsagentur Chemie GmbH, E-mail: sds@dlac-gmbh.de

1.4. **Emergency telephone number**

Country	Organisation/Company	Address	Emergency number
Germany	Giftinformationszentrum (GIZ-Nord) Universitätsmedizin Göttingen - Georg-August-Universität	Robert-Koch Straße 40 37075 Göttingen	+49 551 19240

SECTION 2: Hazards identification

Classification of the substance or mixture 2.1

Classification according to Regulation (EC) No 1272/2008 [CLP]

Specific target organ toxicity - Repeated exposure, Category 1 H372

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects

Quartz: Fibres enclosed in polymer are not expected to present a health hazard as long as they are processed under normal conditions of use.

22 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Quartz: Fibres enclosed in polymer are not expected to present a health hazard as long as they are processed under normal conditions of use. Although the product is classified according to CLP criteria, no labelling is required according to Article 23 in conjunction with Annex I (Section 1.3.4.1) of Regulation (EC) No 1272/2008 [CLP].

EUH phrases

EUH208 - Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction. EUH210 - Safety data sheet available on request.

23 **Other hazards**

Contains PBT/vPvB substances assessed in accordance with REACH Annex XIII: Octamethylcyclotetrasiloxane (556-67-2).

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Substances formed under the conditions of use:

Name	Product identifier	%	Classification according to Regulation (EC) No 1272/2008 [CLP]
2-Pentanone, oxime	(CAS No) 623-40-5 (EC No) 484-470-6	≤ 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 STOT RE 2, H373 Aquatic Chronic 3, H412
Ethanol, ethyl alcohol	(CAS No) 64-17-5 (EC No) 200-578-6 (Index No) 603-002-00-5	≤ 1	Flam. Liq. 2, H225 Eye Irrit. 2, H319
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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. **Mixtures** Name Product identifier % **Classification according to** Regulation (EC) No 1272/2008 [CLP] (CAS No) 14808-60-7 (EC No) 238-878-4 STOT RE 1, H372 Quartz 20 - < 50 Silica (CAS No) 112945-52-5 5 - < 10 Not classified (EC No) 601-216-3 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 (CAS No) 58190-62-8 (EC No) 700-810-0 (REACH No) 01-2120006148-66-XXXX 2-Pentanone, O,O',O"-(ethenylsilylidyne)trioxime 1 - < 5 2-Pentanone, O,O',O"-(methylsilylidyne)trioxime (CAS No) 37859-55-5 1 - < 5 Acute Tox. 4 (Oral), H302 (EC No) 484-460-1 Eye Irrit. 2, H319 (REACH No) 01-2120004323-76-XXXX (CAS No) 919-30-2 (EC No) 213-048-4 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 3-aminopropyltriethoxysilane 0.1 - < 1 (Index No) 612-108-00-0 (REACH No) 01-2119480479-24-XXXX Skin Sens. 1, H317 Octamethylcyclotetrasiloxane (substance listed as REACH Candidate) (CAS No) 556-67-2 0.01 - < 0.079 Flam. Liq. 3, H226 Repr. 2, H361f Aquatic Chronic 1, H410 (M=10) (EC No) 209-136-7 (Index No) 014-018-00-1

Full text of H-phrases: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Drink water as a precaution. Do NOT induce vomiting.
4.2. Most important symptoms and effe	ects, both acute and delayed
Symptoms/injuries after skin contact	: The product is not considered irritating to the skin. May produce an allergic reaction.
Symptoms/injuries	: Quartz: Fibres enclosed in polymer are not expected to present a health hazard as long as they are processed under normal conditions of use.

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

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Use extinguishing agents that suit the environment. Carbon dioxide. Extinguishing powder. Water spray. For a significant fire: Alcohol resistant foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the su	ubstance or mixture
Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide. Toxic gases and vapors. Silicon oxides.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Use a self-contained breathing apparatus and also a protective suit.
SECTION 6: Accidental release mea	asures
6.1. Personal precautions, protective e	quipment and emergency procedures
General measures	: Provide adequate ventilation. Do not breathe vapours.
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.

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6.1.2.	For emergency responders	
Protective equipment		: Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection. For further information refer to section 8: "Exposure controls/personal protection".
6.2.	Environmental precautions	
Prever	t entry to sewers and public waters.	
6.3.	Methods and material for contain	ment and cleaning up
Method	ls for cleaning up	: Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Keep in suitable, closed containers for disposal. Dispose of in accordance with relevant local regulations.

6.4. **Reference to other sections**

Exposure controls and personal protection, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid breathing vapours, spray. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, including	g any incompatibilities
Storage conditions	: Store in original container. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Protect from heat and direct sunlight.
Prohibitions on mixed storage	: Keep away from food, drink and animal feedingstuffs.
7.3. Specific end use(s)	

Sealants.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters			
Quartz (14808-60-7)			
EU	Local name		Respirable crystalline silica dust
EU	IOELV TWA (mg	J/m³)	0.1 mg/m ³
Ireland	Local name		Silica, crystalline (Cristobalite, Quartz, Tridymite, Tripoli)
Ireland	OEL (8 hours ref	f) (mg/m³)	0.1 mg/m ³ (respirable dust)
Ireland	Notes		Carc-see Schedule 4, BOELV
United Kingdom	Local name		Silica, respirable crystalline (Quartz)
United Kingdom	WEL TWA (mg/r	n³)	0.1 mg/m ³ (respirable dust)
United Kingdom	Notes		Carc (where generated as a result of a work process)
Ethanol, ethyl alcohol (64-1)	7-5)		
Ireland	Local name		Ethanol
Ireland	OEL (15 min ref)) (ppm)	1000 ppm
United Kingdom	Local name		Ethanol
United Kingdom	WEL TWA (mg/r	n³)	1920 mg/m ³
United Kingdom	WEL TWA (ppm)	1000 ppm
Silicon dioxide (112945-52-5	5)		
Ireland	Local name		Silica, amorphous
Ireland	OEL (8 hours ref	f) (mg/m³)	6 mg/m³ (total inhalable dust) 2.4 mg/m³ (respirable dust)
United Kingdom	Local name		Silica, amorphous
United Kingdom	WEL TWA (mg/r	n³)	6 mg/m ³ (inhalable dust) 2.4 mg/m ³ (respirable dust)
2-Pentanone, O,O',O"-(ether	nylsilylidyne)triox	ime (58190-62-8)	
DNEL/DMEL (Workers)			
Long-term - systemic effects,	dermal	0.065 mg/kg bodyweight/day	
Long-term - systemic effects,	inhalation	0.229 mg/m ³	
DNEL/DMEL (General popula	tion)		
Long-term - systemic effects, dermal 0.033 mg/kg bodyweight/day		0.033 mg/kg bodyweight/day	
Long-term - systemic effects,	inhalation	0.057 mg/m³	

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2 Pontonone OO'O'' (athenylailylidyne)tri	iovime (50400.62.0)
2-Pentanone, O,O',O''-(ethenylsilylidyne)tr	
Long-term - systemic effects, oral	0.033 mg/kg bodyweight/day
PNEC (Water)	0.400
PNEC aqua (freshwater)	0.103 mg/l
PNEC aqua (marine water)	0.01 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.586 mg/kg dwt
PNEC sediment (marine water)	0.059 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.046 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	2.22 mg/l
2-Pentanone, O,O',O"-(methylsilylidyne)tri	oxime (37859-55-5)
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.065 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.229 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, dermal	0.033 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.057 mg/m ³
Long-term - systemic effects, imalation	0.033 mg/kg bodyweight/day
PNEC (Water)	
PNEC (water) PNEC aqua (freshwater)	0.1 mg/l
PNEC aqua (marine water) PNEC (Sediment)	0.01 mg/l
· · · ·	
PNEC sediment (freshwater)	0.569 mg/kg dwt
PNEC sediment (marine water)	0.057 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.044 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	2.15 mg/l
3-aminopropyltriethoxysilane (919-30-2)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	14 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, dermal	1 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	3.5 mg/m ³
Long-term - systemic effects, oral	1 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.5 mg/l
PNEC aqua (marine water)	0.05 mg/l
PNEC aqua (intermittent, freshwater)	2.05 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	1.8 mg/kg dwt
· · · ·	
PNEC sediment (marine water)	0.18 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.069 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.81 mg/l
Octamethylcyclotetrasiloxane (556-67-2)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, inhalation	73 mg/m ³
Long-term - local effects, inhalation	73 mg/m ³
DNEL/DMEL (General population)	· · ·
Long-term - systemic effects, oral	3.7 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	13 mg/m ³
Long-term - local effects, inhalation	13 mg/m ³
PNEC (Water)	
PNEC (water) PNEC aqua (freshwater)	0.0015 mg/l
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Octamethylcyclotetrasiloxane (556-67-2)	
PNEC aqua (marine water)	0.00015 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	3 mg/kg dwt
PNEC sediment (marine water)	0.3 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.84 mg/kg dwt
PNEC (Oral)	·
PNEC oral (secondary poisoning)	41 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
8.2. Exposure controls	
Appropriate engineering controls	: Provide local exhaust or general room ventilation to minimize vapour concentrations.
Hand protection	: Wear suitable gloves (EN 374 or equivalent). Short-term contact: nitrile/neoprene, ≥ 0.2 mm. Prolonged or repeated contact: nitrile, ≥ 1.25 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	: Chemical goggles or safety glasses (EN 166).
Skin and body protection	: Wear suitable protective clothing (EN 14605, EN 13982).
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Respiratory protection with filter type ABEK (EN 14387).
Environmental exposure controls	: Avoid release to the environment.

SECTION 9: Physical and chemical	properties	
9.1. Information on basic physical and o	hemical properties	
Physical state	: Solid. Paste.	
Colour	: Black	
Odour	: No data available	
Melting point/freezing point	: No data available	
Boiling point or initial boiling point and boiling range	: No data available	
Flammability	: No data available	
Lower and upper explosion limit	: Not applicable	
Flash point	: Not applicable	
Auto-ignition temperature	: Not applicable	
Decomposition temperature	: No data available	
рН	: Not applicable	
Kinematic viscosity	: Not applicable	
Solubility	: Water: practically insoluble Acetone, Alcohol: slightly soluble Aliphatic/aromatic hydrocarbons: dispersible Chlorinated solvents: dispersible	
Partition coefficient n-octanol/water (log value)	: Not applicable	
Vapour pressure	: No data available	
Density and/or relative density	∼ 1.19 kg/dm³ (20 °C)	
Relative vapour density	: Not applicable	
Particle characteristics	: No data available	
9.2. Other information		
9.2.1. Information with regard to physical	hazard classes	
Explosive properties	: None	
Oxidising properties	: None	
9.2.2. Other safety characteristics		
No additional information available		
SECTION 10: Stability and reactivity		

SECTION	10: Stability	/ and reactivity	

10.1. Reactivity

Vulcanizes at room temperature and on contact with humidity.

10.2. **Chemical stability**

Stable under use and storage conditions as recommended in section 7.

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10.3. Possibility of hazardous reactions			
None under normal use.			
10.4. Conditions to avoid High temperature. Image: Conditional Conditiona Condita Conditional Condita Conditional Conditional Con			
10.5. Incompatible materials			
Oxidizing agents. Water.			
10.6. Hazardous decomposition products			
In case of fire: Carbon dioxide. Carbon monoxide	e. Toxic gases and vapours. Silicon oxides.		
SECTION 11: Toxicological informat	ion		
	fined in Regulation (EC) No 1272/2008		
Acute toxicity	: Not classified		
	Based on available data, the classification criteria are not met		
2 Dentenene O Ol Oll (ethemuleikulidune)teie			
2-Pentanone, O,O',O"-(ethenylsilylidyne)trio	1000 - 2000 mg/kg		
LD50 oran rat	> 2000 mg/kg		
2-Pentanone, O,O',O''-(methylsilylidyne)trio			
LD50 oral rat	1234 mg/kg		
LD50 dermal rat	> 2000 mg/kg		
3-aminopropyltriethoxysilane (919-30-2)			
LD50 oral rat	1490 mg/kg		
LD50 dermal rabbit	4076 mg/kg		
LC50 inhalation rat (Vapours)	> 145 mg/m³/6 h		
Octamethylcyclotetrasiloxane (556-67-2)			
LD50 oral rat	> 4800 mg/kg		
LD50 dermal rat	> 2375 mg/kg		
LC50 inhalation rat (Dust/Mist)	36 mg/l/4 h		
Skin corrosion/irritation	: Not classified		
	Based on available data, the classification criteria are not met		
Serious eye damage/irritation	: Not classified		
	Based on available data, the classification criteria are not met		
Respiratory or skin sensitisation	: Not classified		
	Based on available data, the classification criteria are not met		
Germ cell mutagenicity	: Not classified		
	Based on available data, the classification criteria are not met		
Carcinogenicity	: Not classified		
	Based on available data, the classification criteria are not met		
Reproductive toxicity	: Not classified		
	Based on available data, the classification criteria are not met		
Specific target organ toxicity (single exposure)	: Not classified		
	Based on available data, the classification criteria are not met		
Specific target organ toxicity (repeated	: Quartz: Fibres enclosed in polymer are not expected to present a health hazard as long as they are processed under normal conditions of use.		
exposure) Aspiration hazard	: Not classified		
	Based on available data, the classification criteria are not met		
11.2. Information on other hazards			
11.2.1. Endocrine disrupting properties			
Endocrine disruption for human health	: The substance/mixture has no endocrine disrupting properties.		
11.2.2. Other information			
No additional information available			
SECTION 12: Ecological information			
12.1. Toxicity			
Acuto aquatic toxicity	· Not classified		

Acute aquatic toxicity

: Not classified

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Chronic aquatic toxicity	: Not classified
	The maximum concentration of octamethylcyclotetrasiloxane (556-67-2) that can leach from the product is below the established safety level (< 0.0079 mg/l) for aquatic organisms.
2-Pentanone, O,O',O"-(ethenylsilylidyne)trioxime (58190-62-8)	
LC50 fish	> 100 mg/l 96 h, Oncorhynchus mykiss
EC50 daphnia	> 100 mg/l 48 h, Daphnia magna

EC30 uaprinia		
ErC50 algae	88 mg/l 72 h, Raphidocelis subcapitata	
NOEC algae	32 mg/l 72 h, Raphidocelis subcapitata	
2-Pentanone, O,O',O''-(methylsilylidyne)trioxime (37859-55-5)		
LC50 fish	> 100 mg/l 96 h, Oncorhynchus mykiss	
EC50 daphnia	> 100 mg/l 48 h, Daphnia magna	
ErC50 algae	88 mg/l 72 h, Raphidocelis subcapitata	
NOEC algae	32 mg/l 72 h, Raphidocelis subcapitata	
3-aminopropyltriethoxysilane (919-30-2)		
LC50 fish	> 934 mg/l 96 h, Danio rerio	
EC50 daphnia	331 mg/l 48 h, Daphnia magna	
EC50 algae	> 1000 mg/l 72 h, Desmodesmus subspicatus	
NOEC daphnia	≥ 1 mg/l 21 d, Daphnia magna	
NOEC algae	1.3 mg/l 72 h, Desmodesmus subspicatus	
Octamethylcyclotetrasiloxane (556-67-2)		
LC50 fish	> 0.022 mg/l 96 h, Oncorhynchus mykiss	
EC50 daphnia	> 0.015 mg/l 48 h, Daphnia magna	
EC50 algae	> 0.022 mg/l 96 h, Raphidocelis subcapitata	
NOEC fish	≥ 0.0044 mg/l 93 d, Oncorhynchus mykiss	
NOEC daphnia	≥ 0.015 mg/l 21 d, Daphnia magna	
NOEC algae	< 0.022 mg/l 96 h, Raphidocelis subcapitata	
12.2. Persistence and degradability		

12.2.	Persist	ence and	l degrad	ability

2-Pentanone, O,O',O''-(ethenylsilylidyne)trioxime (58190-62-8)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	1 %, 28 d (OECD 301 B)	
2-Pentanone, O,O',O"-(methylsilylidyne)trioxi	me (37859-55-5)	
Persistence and degradability	Not readily biodegradable.	
Biodegradation	1 %, 28 d (OECD 301 B)	
3-aminopropyltriethoxysilane (919-30-2)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	67 %, 28 d (OECD 301 A)	
Octamethylcyclotetrasiloxane (556-67-2)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	3.7 %, 29 d (OECD 310)	
12.3. Bioaccumulative potential		
2-Pentanone, O,O',O''-(ethenylsilylidyne)trioxime (58190-62-8)		
Bioconcentration factor (BCF REACH) 69.21 I/kg		
2-Pentanone, O,O',O''-(methylsilylidyne)trioxime (37859-55-5)		
Bioconcentration factor (BCF REACH) 103.3 I/kg		
3-aminopropyltriethoxysilane (919-30-2)		
Bioconcentration factor (BCF REACH) 3.4 (OECD 305 C)		
Octamethylcyclotetrasiloxane (556-67-2)		
Bioconcentration factor (BCF REACH)	Bioconcentration factor (BCF REACH) 12400 I/kg (EPA OTS 797.1520)	
Partition coefficient n-octanol/water (Log Pow)	6.98 (21.7 °C)	

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Contains PBT/vPvB substances assessed in accordance with REACH Annex XIII: Octamethylcyclotetrasiloxane (556-67-2).

12.6. Endocrine disrupting properties

Endocrine disruption for the environment

: The substance/mixture has no endocrine disrupting properties.

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12.7. Other adverse effects	
No additional information available	
SECTION 13: Disposal considera	ations
13.1. Waste treatment methods	
Regional legislation (waste)	: Dispose in a safe manner in accordance with local/national regulations.
Waste treatment methods	: Dispose of this material and its container at hazardous or special waste collection point. Do n empty into drains.
Waste disposal recommendations	: Empty the packaging completely prior to disposal. When totally empty, containers are recyclable like any other packing.
Waste code	: The valid EWC waste code numbers are source related. The manufacturer is therefore unabl to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users.
SECTION 14: Transport informat	ion
In accordance with ADR / IMDG / IATA	
14.1. UN number or ID number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
14.3. Transport hazard class(es)	
ADR Transport hazard class(es) (ADR)	: Not applicable
IMDG	
Transport hazard class(es) (IMDG)	: Not applicable
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available.
14.6. Special precautions for user	
Overland transport Not applicable	
Transport by sea Not applicable	
Air transport Not applicable	

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. **EU-Regulations**

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List).

REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List: Octamethylcyclotetrasiloxane (556-67-2).

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals).

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants).

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone laver).

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

National regulations 15.1.2.

No additional information available

15.2. Chemical safety assessment Chemical safety assessments for substances in this mixture were not carried out.			
SECTION 16:	Other information		
Data sources	 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. 		
Changes compare	Changes compared to the previous version : Section 3.2 Section 8.1 Section 11 Section 12		
Abbreviations and	Abbreviations and acronyms:		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road		
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures		
DMEL	Derived Minimal Effect Level		
DNEL	Derived No-Effect Level		
EC50	The effective concentration of substance that causes 50% of the maximum response (Median Effective Concentration)		
ΙΑΤΑ	International Air Transport Association		
IMDG	"International Maritime Dangerous Goods Code" for the transport of dangerous goods by sea		
LC50	Lethal Concentration to 50 % of a test population (Median Lethal Concentration)		
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)		
NOEC/L	No Observed Effect Concentration/Level		

	Unique i Unitula Identifiei
vPvB	Very Persistent and Very Bioaccumulative
Full text of H- and EUH-	phrases:
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

OECD

PBT

PNEC

SDS

STP

REACH

Predicted No-Effect Concentration

Safety Data Sheet

Sewage Treatment Plant

Linique Formula Identifie

Organisation for Economic Cooperation and Development

Persistent, Bioaccumulative and Toxic substance

Safety Data Sheet according to Regulation (EU) 2020/878

Serious eye damage/eye irritation, Category 1
Serious eye damage/eye irritation, Category 2
Flammable liquids, Category 2
Flammable liquids, Category 3
Reproductive toxicity, Category 2
Skin corrosion/irritation, Category 1B
Skin sensitisation, Category 1
Specific target organ toxicity — Repeated exposure, Category 1
Specific target organ toxicity — Repeated exposure, Category 2
Highly flammable liquid and vapour.
Flammable liquid and vapour.
Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Causes serious eye damage.
Causes serious eye irritation.
Suspected of damaging fertility.
Causes damage to organs through prolonged or repeated exposure.
May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.
Harmful to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.