

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 05/04/2021 Revision date: 21/07/2021 Supersedes version of: 11/06/2021 Version: 1.2

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

1.1. Product identifier

Product form : Mixture

Trade name : EZY-PAK® EXTREME
Product group : Trade product

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Whitmore Manufacturing LLC 930 Whitmore Drive 75087 Rockwall, Texas USA

T 1.972.771.1000

Regulatory@whitmores.com - www.jetlube.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week

Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1.703.527.3887

(collect calls accepted)

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	Chemtrec - United Kingdom	London	Local (City) +44 20 3807 3798	
United Kingdom	Chemtrec - United Kingdom		Local (National) +44 870 820 0418	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Signal word (CLP) : -

Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P273 - Avoid release to the environment.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Component	
graphite (7782-42-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
chalk (1317-65-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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Component		
C.I. pigment white 7 (1314-98-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
1,2-propanediol (57-55-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

o.z. Mixtures	De la collection	0/	Ole and the second seco
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1-decene, dimer, hydrogenated	CAS-No.: 68649-11-6	41.75777961	Acute Tox. 4 (Inhalation), H332 Asp. Tox. 1, H304
graphite substance with national workplace exposure limit(s) (GB)	CAS-No.: 7782-42-5 EC-No.: 231-955-3	9.95	Not classified
chalk substance with national workplace exposure limit(s) (GB)	CAS-No.: 1317-65-3 EC-No.: 215-279-6	> 8.17516	Not classified
molybdenium(IV) sulfide substance with national workplace exposure limit(s) (GB)	CAS-No.: 1317-33-5 EC-No.: 215-263-9	4.85	Not classified
Mineral oil	CAS-No.: 8002-05-9 EC-No.: 232-298-5 EC Index-No.: 649-049-00-5	4.565667	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319
calcium sulfate	CAS-No.: 7778-18-9 EC-No.: 231-900-3	2.5	Acute Tox. 4 (Oral), H302 STOT RE 2, H373 Aquatic Chronic 3, H412
C.I. pigment white 7	CAS-No.: 1314-98-3 EC-No.: 215-251-3	0.9	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1,2-propanediol substance with national workplace exposure limit(s) (GB)	CAS-No.: 57-55-6 EC-No.: 200-338-0	0.40901232	Not classified
Lubricating oils, petroleum, hydrotreated spent	CAS-No.: 64742-58-1	0.225 - 0.25	Not classified
quartz, 1% <conc (gb);="" a="" community="" crystalline="" exposure="" limit(s)="" limit<="" national="" respirable="" silica<10%="" substance="" td="" with="" workplace=""><td>CAS-No.: 14808-60-7 EC-No.: 238-878-4</td><td>≤ 0.222</td><td>Not classified</td></conc>	CAS-No.: 14808-60-7 EC-No.: 238-878-4	≤ 0.222	Not classified
trimethyldihydroquinoline, polymers substance with national workplace exposure limit(s) (GB)	CAS-No.: 26780-96-1 EC-No.: 500-051-3	0.1793522	Aquatic Chronic 2, H411 (M=0)
Full text of H- and FUH-statements: see section 16			

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

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First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

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 : Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Exercise caution. Spill area may be slippery.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

1,2-propanediol (57-55-6)	
United Kingdom - Occupational Exposure Limits	
Local name Propane-1,2-diol	
WEL TWA (OEL TWA) [1]	10 mg/m³ particulates 474 mg/m³ total vapour and particulates
WEL TWA (OEL TWA) [2]	150 ppm total vapour and particulates
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE	
trimethyldihydroquinoline, polymers (26780-96-1)	

United Kingdom - Occupational Exposure Limits

Onica Tanguan Goodpatona Exposaro Elinto		
WEL TWA (OEL TWA) [1]	10 mg/m³ 4 mg/m³	

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graphite (7782-42-5)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	10 mg/m³ 4 mg/m³	
quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)	
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Silica crystaline (Quartz)	
IOEL TWA	0.05 mg/m³ (respirable dust)	
Remark	(Year of adoption 2003)	
Regulatory reference	SCOEL Recommendations	
United Kingdom - Occupational Exposure Limits		
Local name	Silica	
WEL TWA (OEL TWA) [1]	0.1 mg/m³ respirable crystalline	
Regulatory reference	EH40/2005 (Third edition, 2018). HSE	
molybdenium(IV) sulfide (1317-33-5)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	10 mg/m³	
WEL STEL (OEL STEL)	20 mg/m³	
chalk (1317-65-3)		
United Kingdom - Occupational Exposure Limits		
Local name	Calcium carbonate (Limestone, Marble)	
WEL TWA (OEL TWA) [1]	10 mg/m³ total inhalable 4 mg/m³ respirable	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Colour : Black.
Appearance : Grease.
Odour : Mild odor.

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Odour threshold : Not available Melting point : Not available Freezing point : Not applicable **Boiling point** : Not available Flammability : Non flammable. **Explosive limits** : Not applicable Lower explosive limit (LEL) : Not applicable Upper explosive limit (UEL) : Not applicable Flash point : Not applicable Auto-ignition temperature : Not applicable Decomposition temperature : Not available рΗ : Not available pH solution : Not available Viscosity, kinematic : Not applicable Solubility : insoluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50 °C : Not available : Not available Density : Not available Relative density Relative vapour density at 20 °C : Not applicable Particle size : Not available Particle size distribution : Not available : Not available Particle shape Particle aspect ratio : Not available : Not available Particle aggregation state Particle agglomeration state · Not available Particle specific surface area : Not available Particle dustiness

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : < 0.1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

: Not available

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified : Not classified Acute toxicity (inhalation)

1-decene, dim	er, hydrogenated	(68649-11-6)
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LD50 oral rat	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 423, Rat, Male / female, Read-
	perces Oral 14 day(s)

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1-decene, dimer, hydrogenated (68649-11-6)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
1,2-propanediol (57-55-6)	
LD50 oral rat	22000 mg/kg bodyweight Animal: rat
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit
trimethyldihydroquinoline, polymers (26780-	96-1)
LD50 oral rat	3190 mg/kg bodyweight Animal: rat, 95% CL: 2730 - 3720
LD50 dermal rabbit	> 5100 mg/kg bodyweight Animal: rabbit
graphite (7782-42-5)	
LD50 oral rat	> 2000 mg/kg (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral)
LC50 Inhalation - Rat	> 2000 mg/m³ air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust))
LC50 Inhalation - Rat (Dust/Mist)	> 2 mg/l Source: ECHA
molybdenium(IV) sulfide (1317-33-5)	
LD50 oral rat	> 6000 mg/kg (Rat, Oral)
C.I. pigment white 7 (1314-98-3)	
LD50 oral rat	> 5000 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Read-across, Oral)
LC50 Inhalation - Rat	> 5.4 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Read-across, Inhalation (dust), 14 day(s))
chalk (1317-65-3)	
LD50 oral rat 6450 mg/kg (Rat, Literature study, Oral)	
LD50 dermal rabbit	> 2000 mg/kg
calcium sulfate (7778-18-9)	
LD50 oral rat	> 1581 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
LC50 Inhalation - Rat	> 3.26 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
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)
quartz, 1%≤conc respirable crystalline silica	<10% (14808-60-7)
IARC group	1 - Carcinogenic to humans
calcium sulfate (7778-18-9)	
NOAEL (chronic, oral, animal/male, 2 years)	256 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other:No data, Remarks on results: other:Effect type: carcinogenicity (migrated information)
NOAEL (chronic, oral, animal/female, 2 years)	284 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:No data, Remarks on results: other:Effect type: carcinogenicity (migrated information)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
1,2-propanediol (57-55-6)	
NOAEL (subchronic, oral, animal/male, 90 days)	443 mg/kg bodyweight Animal: cat, Animal sex: male

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trimethyldihydroquinoline, polymers (26780-96-1)			
NOAEL (oral, rat, 90 days)	≈ 11.8 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)		
graphite (7782-42-5)			
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.000279 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)		
C.I. pigment white 7 (1314-98-3)	C.I. pigment white 7 (1314-98-3)		
NOAEL (oral, rat, 90 days)	31.52 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)		
calcium sulfate (7778-18-9)			
LOAEL (oral, rat, 90 days)	237 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)		
NOAEL (oral, rat, 90 days)	79 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)		
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Aspiration hazard :	Not classified (Based on available data, the classification criteria are not met)		
EZY-PAK® EXTREME			
Viscosity, kinematic	Not applicable		

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Not rapidly degradable

: Harmful to aquatic life with long lasting effects. Ecology - general

Hazardous to the aquatic environment, short-term : Not classified (acute)

Hazardous to the aquatic environment, long-term

(chronic)

: Harmful to aquatic life with long lasting effects.

1,2-propanediol (57-55-6)	
LC50 - Fish [1]	51400 mg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2] 51600 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Sgairdneri)	
EC50 72h - Algae [1]	19300 mg/l Test organisms (species): Skeletonema costatum
EC50 72h - Algae [2] 24200 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous in Raphidocelis subcapitata, Selenastrum capricornutum)	
EC50 96h - Algae [1]	19100 mg/l Test organisms (species): Skeletonema costatum
EC50 96h - Algae [2] 19000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous na Raphidocelis subcapitata, Selenastrum capricornutum)	
ErC50 algae	24200 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
graphite (7782-42-5)	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1] 19 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names Raphidocelis subcapitata, Selenastrum capricornutum)	
EC50 72h - Algae [2] 7.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous name Raphidocelis subcapitata, Selenastrum capricornutum)	
ErC50 algae	> 100 mg/l Source: ECHA
NOEC (chronic) 47 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	

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C.I. pigment white 7 (1314-98-3)		
LC50 - Fish [1]	> 0.25 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)	
ErC50 algae	> 13 μg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)	
chalk (1317-65-3)		
LC50 - Fish [1]	> 10000 mg/l (96 h, Oncorhynchus mykiss, Literature)	
EC50 - Crustacea [1]	> 1000 mg/l (48 h, Daphnia magna, Literature)	
EC50 72h - Algae [1]	> 200 mg/l (Desmodesmus subspicatus, Literature)	
calcium sulfate (7778-18-9)		
LC50 - Fish [1]	> 79 mg/l Test organisms (species): Oryzias latipes	
EC50 72h - Algae [1]	> 79 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
EC50 96h - Algae [1]	3200 mg/l Source: ECOTOX	
12.2. Persistence and degradability		
1-decene, dimer, hydrogenated (68649-11-		
Persistence and degradability	Biodegradability in soil: no data available. Biodegradability in water: no data available.	
1,2-propanediol (57-55-6)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	0.96 – 1.08 g O ₂ /g substance	
Chemical oxygen demand (COD)	1.63 g O ₂ /g substance	
ThOD	1.69 g O ₂ /g substance	
trimethyldihydroquinoline, polymers (2678	80-96-1)	
Persistence and degradability	Not readily biodegradable in water.	
graphite (7782-42-5)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
quartz, 1%≤conc respirable crystalline sili	ca<10% (14808-60-7)	
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	
ThOD	Not applicable (inorganic)	
molybdenium(IV) sulfide (1317-33-5)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
C.I. pigment white 7 (1314-98-3)		
Persistence and degradability	Biodegradability in water: no data available.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	
ThOD	Not applicable (inorganic)	
chalk (1317-65-3)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	

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chalk (1317-65-3)				
ThOD	Not applicable (inorganic)			
calcium sulfate (7778-18-9)				
Persistence and degradability	Biodegradability: not applicable.			
Chemical oxygen demand (COD)	Not applicable			
ThOD	Not applicable			
BOD (% of ThOD)	Not applicable			
2.3. Bioaccumulative potential				
1-decene, dimer, hydrogenated (68649-11-6)				
Bioaccumulative potential	No bioaccumulation data available.			
1,2-propanediol (57-55-6)				
BCF - Other aquatic organisms [1]	0.09			
Partition coefficient n-octanol/water (Log Pow)	-1.07 (Experimental value, EU Method A.8: Partition Coefficient, 20.5 °C)			
Bioaccumulative potential	Not bioaccumulative.			
trimethyldihydroquinoline, polymers (26780-9	6-1)			
Partition coefficient n-octanol/water (Log Pow)	3.22			
graphite (7782-42-5)				
Bioaccumulative potential	No bioaccumulation data available.			
quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)			
Bioaccumulative potential	No bioaccumulation data available.			
molybdenium(IV) sulfide (1317-33-5)				
Bioaccumulative potential	No bioaccumulation data available.			
C.I. pigment white 7 (1314-98-3)				
BCF - Other aquatic organisms [1]	38 – 28960 (28 day(s), Palaemon elegans, Semi-static system, Salt water, Experimental value)			
Bioaccumulative potential	Bioaccumable.			
chalk (1317-65-3)				
Bioaccumulative potential	Bioaccumulation: not applicable.			
calcium sulfate (7778-18-9)				
Bioaccumulative potential	No bioaccumulation data available.			
12.4. Mobility in soil				
1,2-propanediol (57-55-6)				
Surface tension	71.6 mN/m (21.5 °C, 1.01 g/l, EU Method A.5: Surface tension)			
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.46 (log Koc, Calculated value)			
Ecology - soil	Highly mobile in soil.			
quartz, 1%≤conc respirable crystalline silica<	10% (14808-60-7)			
Ecology - soil	Low potential for mobility in soil.			
molybdenium(IV) sulfide (1317-33-5)				
Ecology - soil	Adsorbs into the soil.			
C.I. pigment white 7 (1314-98-3)				
Ecology - soil	Adsorbs into the soil.			
chalk (1317-65-3)				
Ecology - soil	No (test)data on mobility of the substance available.			

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12.5. Results of PBT and vPvB assessment

Component		
graphite (7782-42-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
chalk (1317-65-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
C.I. pigment white 7 (1314-98-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
1,2-propanediol (57-55-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
quartz, 1%≤conc respirable crystalline silica<10% (14808-60-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID n	number			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shippin	g name			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard	class(es)			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental haz	zards			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : < 0.1 %

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information		
Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:	
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2

Safety Data Sheet (SDS), EU

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.