

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 1/13/2023 Revision date: 1/13/2023 Version: 1.0

1.1. Product identifier		
Product form Trade name	: Mixture : HYSOL GR 6	640HV-L1
1.2. Relevant identified uses of the substa	ance or mixture	and uses advised against
1.2.1. Relevant identified uses Use of the substance/mixture	: Molding Com	apound
1.2.2. Uses advised against		
Restrictions on use	: No information	on available
1.3. Details of the supplier of the safety da	ata sheet	
Manufacturer Hysol Huawei Electronic Co., Ltd. No.8 Zhenhua Road, High-tech Industrial Developi Lianyungang, Jiangsu T +86 518-85155187 - F +86 518 85153825	ment Zone,	Only Representative CAPLINQ Europe BV Industrieweg 15E 1566JN Assendelft Netherlands +31 (20) 893 2224
1.4. Emergency telephone number		
SECTION 2: Hazards identification 2.1. Classification of the substance or mix	cture	
Classification according to Regulation (EC) No.		
2.1. Classification of the substance or mix Classification according to Regulation (EC) No. Serious eye damage/eye irritation, Category 2 Skin sensitisation, Category 1 Reproductive toxicity, Category 2 Hazardous to the aquatic environment – Chronic H	. 1272/2008 [CLP] lazard, Category 3	H319 H317 H361 H412
2.1. Classification of the substance or mix Classification according to Regulation (EC) No. Serious eye damage/eye irritation, Category 2 Skin sensitisation, Category 1 Reproductive toxicity, Category 2 Hazardous to the aquatic environment – Chronic H Full text of H- and EUH-statements: see section 16 Adverse physicochemical, human health and e Suspected of damaging fertility or the unborn child	. 1272/2008 [CLP] lazard, Category 3 3 nvironmental effe	H317 H361 H412
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Signal word (CLP)

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Hazard statements (CLP)	: H317 - May cause an allergic skin reaction.
	H319 - Causes serious eye irritation.
	H361 - Suspected of damaging fertility or the unborn child.
	H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P201 - Obtain special instructions before use.
	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
	P273 - Avoid release to the environment.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
	P308+P313 - IF exposed or concerned: Get medical advice/attention.

2.3. Other hazards

Other hazards which do not result in classification : No information available.

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 Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH 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 at a concentration equal to or greater than 0,1 %

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]
Silica, amorphous	CAS-No.: 7631-86-9 EC-No.: 231-545-4	≥ 50 – ≤ 70	Not classified
Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol	CAS-No.: 29690-82-2 EC-No.: 608-398-3	≥ 10 – ≤ 20	Not classified
Phenol-formaldehyde polymer	CAS-No.: 9003-35-4 EC-No.: 500-005-2	≥ 5 – ≤ 10	Eye Irrit. 2, H319 Skin Sens. 1, H317
Zinc borate hydrate	CAS-No.: 138265-88-0 EC-No.: 235-804-2;604-070-9	≥ 3 – ≤ 5	Eye Irrit. 2, H319 Repr. 2, H361 Aquatic Acute 1, H400
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine (1:1)	CAS-No.: 37640-57-6 EC-No.: 253-575-7	≥1-≤5	Repr. 2, H361f STOT RE 2, H373
Silica, vitreous	CAS-No.: 60676-86-0 EC-No.: 262-373-8;424-440-1	≥1-≤5	Not classified
Zinc oxide (ZnO)	CAS-No.: 1314-13-2 EC-No.: 215-222-5 EC Index-No.: 030-013-00-7	≥ 0.25 – ≤ 2.5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3-Mercaptopropyltrimethoxysilane	CAS-No.: 4420-74-0 EC-No.: 224-588-5	≥ 0.1 – ≤ 1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Pyrimido[1,2-a]azepine, 2,3,4,6,7,8,9,10-octahydro-	CAS-No.: 6674-22-2 EC-No.: 229-713-7	≥ 0.1 – ≤ 1	Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Eye Dam. 1, H318

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 general	: IF exposed or concerned: Get medical advice/attention.	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.	
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.	
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
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		
Symptoms/effects	: Suspected of damaging fertility or the unborn child. May cause an allergic skin reaction. Causes serious eye irritation.	

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 Unsuitable extinguishing media	: Water spray. Dry powder. Foam. : High volume water jet.
5.2. Special hazards arising from the subst	ance or mixture
Hazardous decomposition products in case of fire	: Hydrocarbons. carbon oxides. nitrogen oxides. Rapid polymerisation may generate excessive heat and pressure.
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	 Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. 		
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.			

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6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	: Mechanically recover the product. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Notify authorities if product enters sewers or public waters.	
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 Hygiene measures	 Ensure good ventilation of the work station. Take action to prevent static discharges. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 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		
Technical measures Storage conditions Incompatible materials	 Keep in original containers closed. Protect from heat and direct sunlight. Store locked up. Store in a well-ventilated place. Keep cool. Alcohols, amines, oxidants, acids, lyes 	
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

Silica, amorphous (7631-86-9)		
Austria - Occupational Exposure Limits		
MAK (OEL TWA)	4 mg/m³ (also Silica manufactured through wet process-inhalable fraction)	
Czech Republic - Occupational Exposure Limits		
PEL (OEL TWA)	0.1 mg/m³ (respirable fraction) 4 mg/m³	
Estonia - Occupational Exposure Limits		
OEL TWA	2 mg/m ³ (respirable dust (Dusts)	
OEL chemical category	Carcinogenic substance respirable dust	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	5 mg/m³ (Silicon dioxide, amorphous)	
Germany - Occupational Exposure Limits (TRGS 900)		
AGW (OEL TWA) [1]	4 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)	
Ireland - Occupational Exposure Limits		
OEL TWA [1]	6 mg/m³ (total inhalable dust) 2.4 mg/m³ (respirable dust)	

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Silica, amorphous (7631-86-9)			
OEL STEL	18 mg/m³ (calculated-respirable dust) 7.2 mg/m³ (calculated-respirable dust)		
Latvia - Occupational Exposure Limits			
OEL TWA	1 mg/m³		
Slovenia - Occupational Exposure Limits			
OEL TWA	4 mg/m³ (inhalable fraction, gel)		
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA) [1]	6 mg/m³ (inhalable dust) 2.4 mg/m³ (respirable dust)		
WEL STEL (OEL STEL)	18 mg/m³ (calculated-inhalable dust) 7.2 mg/m³ (calculated-respirable dust)		
Norway - Occupational Exposure Limits			
Grenseverdi (OEL TWA) [1]	1.5 mg/m³ (respirable dust)		
Korttidsverdi (OEL STEL)	3 mg/m³ (value calculated-respirable dust)		
Switzerland - Occupational Exposure Limits			
MAK (OEL TWA) [1]	4 mg/m³ (including Silica, amorphous-inhalable dust)		
Phenol-formaldehyde polymer (9003-35-4)			
Czech Republic - Occupational Exposure Limits			
PEL (OEL TWA)	5 mg/m³ (dust)		
Germany - Occupational Exposure Limits (TRGS 90	0)		
AGW (OEL TWA) [1]	1.25 mg/m³ (respirable fraction (plastic dust) 10 mg/m³ (inhalable fraction (plastic dust)		
Lithuania - Occupational Exposure Limits			
IPRV (OEL TWA)	3 mg/m³ (thermoset dust)		
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine (1:1) (37640-57-6)			
Lithuania - Occupational Exposure Limits			
IPRV (OEL TWA)	0.5 mg/m³		
OEL chemical category	Skin notation		
Silica, vitreous (60676-86-0)			
Austria - Occupational Exposure Limits			
MAK (OEL TWA)	0.3 mg/m³ (respirable fraction (Silica, amorphous)		
Belgium - Occupational Exposure Limits			
OEL TWA	0.1 mg/m³ (alveolar dust)		
Croatia - Occupational Exposure Limits			
GVI (OEL TWA) [1]	0.08 mg/m³ (respirable dust)		
Denmark - Occupational Exposure Limits			
OEL TWA [1]	0.1 mg/m³ (respirable)		
Germany - Occupational Exposure Limits (TRGS 90	0)		
AGW (OEL TWA) [1]	0.3 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-respirable fraction)		

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Silica, vitreous (60676-86-0)			
Ireland - Occupational Exposure Limits			
OEL TWA [1]	0.08 mg/m³ (respirable dust)		
OEL STEL	0.24 mg/m³ (calculated-total inhalable dust)		
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	2 mg/m³ (inhalable fraction) 1 mg/m³ (respirable fraction)		
Slovenia - Occupational Exposure Limits			
OEL TWA	0.3 mg/m³ (respirable fraction)		
United Kingdom - Occupational Exposure Limits			
WEL TWA (OEL TWA) [1]	0.08 mg/m³ (respirable dust)		
WEL STEL (OEL STEL)	0.24 mg/m³ (calculated-respirable dust)		
Switzerland - Occupational Exposure Limits	·		
MAK (OEL TWA) [1]	0.3 mg/m³ (including Silica, amorphous-respirable dust)		
Zinc oxide (ZnO) (1314-13-2)			
Austria - Occupational Exposure Limits			
MAK (OEL TWA)	5 mg/m³ (respirable fraction, smoke)		
Belgium - Occupational Exposure Limits			
OEL TWA	10 mg/m³ (dust) 5 mg/m³ (fume) 5 mg/m³ (aerosol and vapor)		
OEL STEL	10 mg/m³ (fume) 10 mg/m³ (aerosol and vapor)		
Bulgaria - Occupational Exposure Limits			
OEL TWA	5 mg/m³		
OEL STEL	10 mg/m ³		
Croatia - Occupational Exposure Limits	·		
GVI (OEL TWA) [1]	2 mg/m³ (respirable dust)		
KGVI (OEL STEL)	10 mg/m ³		
Czech Republic - Occupational Exposure Limits	·		
PEL (OEL TWA)	2 mg/m³		
Denmark - Occupational Exposure Limits			
OEL TWA [1]	4 mg/m³ 4 mg/m³ (fume)		
Estonia - Occupational Exposure Limits	·		
OEL TWA	5 mg/m³		
Finland - Occupational Exposure Limits	·		
HTP (OEL TWA) [1]	2 mg/m³ (fume)		
HTP (OEL STEL)	10 mg/m³ (fume)		
France - Occupational Exposure Limits			
VME (OEL TWA)	5 mg/m³ (fume) 10 mg/m³ (dust)		

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Zinc oxide (ZnO) (1314-13-2)			
Greece - Occupational Exposure Limits			
OEL TWA	5 mg/m³ (fume)		
OEL STEL	10 mg/m³ (fume)		
Hungary - Occupational Exposure Limits			
AK (OEL TWA)	5 mg/m³ (fume) 5 mg/m³ (powder)		
Ireland - Occupational Exposure Limits			
OEL TWA [1]	2 mg/m³ (fume; respirable fraction)		
OEL STEL	10 mg/m³ (fume; respirable fraction)		
Latvia - Occupational Exposure Limits			
OEL TWA	0.5 mg/m ³		
Lithuania - Occupational Exposure Limits			
IPRV (OEL TWA)	5 mg/m³		
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	5 mg/m³ (inhalable fraction)		
NDSCh (OEL STEL)	10 mg/m³ (inhalable fraction)		
Portugal - Occupational Exposure Limits			
OEL TWA	2 mg/m³ (respirable fraction)		
OEL STEL	10 mg/m³ (respirable fraction)		
Romania - Occupational Exposure Limits			
OEL TWA	5 mg/m³ (fume)		
OEL STEL	10 mg/m³ (fume)		
Slovakia - Occupational Exposure Limits			
NPHV (OEL TWA) [1]	1 mg/m³ (fume)		
NPHV (OEL C)	1 mg/m ³		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA) [1]	2 mg/m³ (respirable fraction)		
VLA-EC (OEL STEL)	10 mg/m ³		
Sweden - Occupational Exposure Limits			
NGV (OEL TWA)	5 mg/m³ (total dust)		
Norway - Occupational Exposure Limits			
Grenseverdi (OEL TWA) [1]	5 mg/m³		
Korttidsverdi (OEL STEL)	10 mg/m³ (value calculated)		
Switzerland - Occupational Exposure Limits			
MAK (OEL TWA) [1]	3 mg/m³ (respirable dust, smoke)		
KZGW (OEL STEL)	3 mg/m³ (respirable dust, smoke)		
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA	2 mg/m³ (respirable particulate matter)		
ACGIH OEL STEL	10 mg/m³ (respirable particulate matter)		

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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:

Emergency eye wash fountain with clean water. Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Protective goggles or face shield. Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust)

Hand protection:

Chemical resistant gloves (according to European standard EN 374 or equivalent)

8.2.2.3. Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

8.2.2.4. Thermal hazards

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 Colour Appearance Odour Odour threshold Melting point Freezing point Boiling point Flammability Explosive properties Oxidising properties Explosive limits		Solid Black. Black solid. mild. Not available Not available Not applicable. Not available Non flammable. No data available. No data available. Not applicable.
	:	

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Decomposition temperature pH pH solution Viscosity, kinematic Solubility Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure at 50 °C Density Relative density	 Not available Not available Not available Not applicable. Not available
5	
Relative vapour density at 20 °C Particle size	: Not applicable. : Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with alcohols and amines. Reacts with oxidants, acids and lyes

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts with alcohols and amines. Reacts with oxidants, acids and lyes

10.4. Conditions to avoid

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

10.5. Incompatible materials

Alcohols, amines, oxidants, acids, lyes

10.6. Hazardous decomposition products

Hydrocarbons. carbon oxides. nitrogen oxides. Rapid polymerisation may generate excessive heat and pressure.

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 Acute toxicity (inhalation) : Not classified			
Silica, amorphous (7631-86-9)			
LD50 oral rat	7900 mg/kg		
LD50 dermal rabbit	> 5000 mg/kg		
LC50 Inhalation - Rat	> 58.8 mg/l/4h		
LC50 Inhalation - Rat (Dust/Mist)	5.01 mg/l Source: ECHA		

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Phenol-formaldehyde polymer (9003-35-4)	
LD50 oral rat	> 5 g/kg
LD50 dermal rat	> 2000 mg/kg
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compou	nd with 1,3,5-triazine-2,4,6-triamine (1:1) (37640-57-6)
LD50 oral rat	2500 mg/kg
LC50 Inhalation - Rat	> 5.1 mg/l/4h
Zinc oxide (ZnO) (1314-13-2)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat	> 5700 mg/m³ Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 5.7 mg/l/4h
3-Mercaptopropyltrimethoxysilane (4420-74-0)
LD50 oral rat	730 μl/kg
LD50 dermal rabbit	2494 mg/kg
Pyrimido[1,2-a]azepine, 2,3,4,6,7,8,9,10-octab	ydro- (6674-22-2)
LD50 oral rat	300 – 2000 mg/kg
Skin corrosion/irritation :	Not classified
Silica, amorphous (7631-86-9)	
рН	3.5 – 4.4
Zinc oxide (ZnO) (1314-13-2)	
рН	6.95 (American Process)
Serious eye damage/irritation :	Causes serious eye irritation.
Silica, amorphous (7631-86-9)	
рН	3.5 - 4.4
Zinc oxide (ZnO) (1314-13-2)	
рН	6.95 (American Process)
Respiratory or skin sensitisation :	May cause an allergic skin reaction.
Germ cell mutagenicity : Carcinogenicity :	Not classified Not classified
Silica, amorphous (7631-86-9)	
IARC group	3 - Not classifiable
Silica, vitreous (60676-86-0)	
	3 - Not classifiable
IARC group	
IARC group Reproductive toxicity :	Suspected of damaging fertility or the unborn child.
• •	Suspected of damaging fertility or the unborn child. Not classified
Reproductive toxicity :	
Reproductive toxicity : STOT-single exposure : STOT-repeated exposure :	Not classified
Reproductive toxicity : STOT-single exposure : STOT-repeated exposure :	Not classified Not classified

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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

SECTION 12: Ecological information

: 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 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

No additional information available

SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term : (acute)	Harmful to aquatic life with long lasting effects. Not classified Harmful to aquatic life with long lasting effects.	
Silica, amorphous (7631-86-9)		
LC50 - Fish [1]	5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])	
EC50 - Crustacea [1]	7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)	
EC50 72h - Algae [1]	440 mg/l (Species: Pseudokirchneriella subcapitata)	
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine (1:1) (37640-57-6)		
LC50 - Fish [1]	> 10000 mg/l (Exposure time: 96 h - Species: Danio rerio [static])	
Zinc oxide (ZnO) (1314-13-2)		
LC50 - Fish [1]	1.55 mg/l (Exposure time: 96 h - Species: Danio rerio [static])	
12.2. Persistence and degradability		

No additional information available

12.3. Bioaccumulative potential			
Silica, amorphous (7631-86-9)			
BCF - Fish [1] (no bioaccumulation expected)			
Phenol-formaldehyde polymer (9003-35-4)			
Partition coefficient n-octanol/water (Log Pow) 3.564 (at 25 °C (at pH 4.6)			
Zinc oxide (ZnO) (1314-13-2)			
Partition coefficient n-octanol/water (Log Pow) 1.53			
Pyrimido[1,2-a]azepine, 2,3,4,6,7,8,9,10-octahydro- (6674-22-2)			
BCF - Fish [1] (3,6 dimensionless (total lipid content)			

12.4. Mobility in soil

No additional information available

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12	2.5. Resul	ts of PBT	and vPvB	assessment
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HYSOL GR 640HV-L1

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

 Adverse effects on the environment caused by endocrine disrupting properties
 : 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 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods Product/Packaging disposal recommendations Dispose of contents/container in accordance with licensed collector's sorting instructions.
 Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	ADN	RID
I4.1. UN number or ID r	number		'	
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shippir	ng 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 ha	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

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

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

PIC Regulation (Prior Informed Consent)

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.

POP Regulation (Persistent Organic Pollutants)

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

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

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.

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Not applicable.

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	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

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Abbreviations and acronyms:		
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
ΙΑΤΑ	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	
РВТ	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)	
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	
Version	: 1.0	

Issue date Revision date Data sources Training advice 1.0
1/13/2023
1/13/2023
ECHA reference. Loli.
Normal use of this product shall imply use in accordance with the instructions on the packaging.

Other information

: No information available.

Full text of H- and EUH-statements:		
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
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	
Eye Dam. 1	Eye Dam. 1 Serious eye damage/eye irritation, Category 1	

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Full text of H- and EUH-statements:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
H361f	Suspected of damaging fertility.
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.
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Sens. 1	Skin sensitisation, Category 1
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.