



# HYSOL KL 1000-3A

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 1/12/2023 Revision date: 1/12/2023 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : HYSOL KL 1000-3A

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Molding Compound

##### 1.2.2. Uses advised against

Restrictions on use : No information available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Hysol Huawei Electronic Co., Ltd.  
No.8 Zhenhua Road, High-tech Industrial Development Zone,  
Lianyungang, Jiangsu  
T +86 518-85155187 - F +86 518 85153825

##### Only Representative

CAPLINQ Europe BV  
Industrieweg 15E  
1566JN Assendelft  
Netherlands  
+31 (20) 893 2224

#### 1.4. Emergency telephone number

Emergency number : +86 518-81089316

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319

Skin sensitisation, Category 1 H317

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

##### Adverse physicochemical, human health and environmental effects

May cause an allergic skin reaction. Causes serious eye irritation.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

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Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
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.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

### 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  $\geq 0.1\%$  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	$\geq 50 - \leq 70$	Not classified
Silica, vitreous	CAS-No.: 60676-86-0 EC-No.: 262-373-8;424-440-1	$\geq 10 - \leq 30$	Not classified
Phenol-formaldehyde polymer	CAS-No.: 9003-35-4 EC-No.: 500-005-2	$\geq 5 - \leq 10$	Eye Irrit. 2, H319 Skin Sens. 1, H317
Pyrimido[1,2-a]zazepine, 2,3,4,6,7,8,9,10-octahydro-	CAS-No.: 6674-22-2 EC-No.: 229-713-7	$\geq 0.1 - \leq 1$	Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Eye Dam. 1, H318
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	CAS-No.: 1309-64-4 EC-No.: 215-175-0 EC Index-No.: 051-005-00-X	$\geq 0.1 - \leq 1$	Carc. 2, H351
3-Mercaptopropyltrimethoxysilane	CAS-No.: 4420-74-0 EC-No.: 224-588-5	$\geq 0.1 - \leq 1$	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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.

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.

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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	: May cause an allergic skin reaction. Causes serious eye irritation.
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### 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.
Unsuitable extinguishing media	: High volume water jet.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Hydrocarbons. Carbon monoxide. Bromine compounds. Irritating vapours.
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### 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.
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## 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.
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#### 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".
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### 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. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
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. Take action to prevent static discharges. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
Hygiene measures	: 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.

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### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in original containers closed.
Storage conditions	: Protect from heat and direct sunlight. Store in a well-ventilated place. Keep cool.
Incompatible materials	: Strong oxidizing agents.

### 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, vitreous (60676-86-0)	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	0.3 mg/m <sup>3</sup> (respirable fraction (Silica, amorphous))
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	0.1 mg/m <sup>3</sup> (alveolar dust)
<b>Croatia - Occupational Exposure Limits</b>	
GVI (OEL TWA) [1]	0.08 mg/m <sup>3</sup> (respirable dust)
<b>Denmark - Occupational Exposure Limits</b>	
OEL TWA [1]	0.1 mg/m <sup>3</sup> (respirable)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	0.3 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-respirable fraction)
<b>Ireland - Occupational Exposure Limits</b>	
OEL TWA [1]	0.08 mg/m <sup>3</sup> (respirable dust)
OEL STEL	0.24 mg/m <sup>3</sup> (calculated-total inhalable dust)
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	2 mg/m <sup>3</sup> (inhalable fraction) 1 mg/m <sup>3</sup> (respirable fraction)
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	0.3 mg/m <sup>3</sup> (respirable fraction)
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA) [1]	0.08 mg/m <sup>3</sup> (respirable dust)
WEL STEL (OEL STEL)	0.24 mg/m <sup>3</sup> (calculated-respirable dust)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	0.3 mg/m <sup>3</sup> (including Silica, amorphous-respirable dust)
<b>Phenol-formaldehyde polymer (9003-35-4)</b>	
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	5 mg/m <sup>3</sup> (dust)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	1.25 mg/m <sup>3</sup> (respirable fraction (plastic dust)) 10 mg/m <sup>3</sup> (inhalable fraction (plastic dust))

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<b>Phenol-formaldehyde polymer (9003-35-4)</b>	
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	3 mg/m <sup>3</sup> (thermoset dust)
<b>Silica, amorphous (7631-86-9)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	4 mg/m <sup>3</sup> (also Silica manufactured through wet process-inhalable fraction)
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	0.1 mg/m <sup>3</sup> (respirable fraction) 4 mg/m <sup>3</sup>
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	2 mg/m <sup>3</sup> (respirable dust (Dusts))
OEL chemical category	Carcinogenic substance respirable dust
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA) [1]	5 mg/m <sup>3</sup> (Silicon dioxide, amorphous)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	4 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
<b>Ireland - Occupational Exposure Limits</b>	
OEL TWA [1]	6 mg/m <sup>3</sup> (total inhalable dust) 2.4 mg/m <sup>3</sup> (respirable dust)
OEL STEL	18 mg/m <sup>3</sup> (calculated-respirable dust) 7.2 mg/m <sup>3</sup> (calculated-respirable dust)
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	1 mg/m <sup>3</sup>
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	4 mg/m <sup>3</sup> (inhalable fraction, gel)
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA) [1]	6 mg/m <sup>3</sup> (inhalable dust) 2.4 mg/m <sup>3</sup> (respirable dust)
WEL STEL (OEL STEL)	18 mg/m <sup>3</sup> (calculated-inhalable dust) 7.2 mg/m <sup>3</sup> (calculated-respirable dust)
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	1.5 mg/m <sup>3</sup> (respirable dust)
Korttidsverdi (OEL STEL)	3 mg/m <sup>3</sup> (value calculated-respirable dust)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	4 mg/m <sup>3</sup> (including Silica, amorphous-inhalable dust)
<b>Antimony oxide (Sb<sub>2</sub>O<sub>3</sub>) (1309-64-4)</b>	
<b>Austria - Occupational Exposure Limits</b>	
TRK (OEL TWA)	0.3 mg/m <sup>3</sup> (manufacture of Antimony trioxide, master batches and pastes, to weight and mix Antimony trioxide powder-inhalable fraction) 0.1 mg/m <sup>3</sup> (all others-inhalable fraction)
OEL chemical category	Group A2 Carcinogen

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<b>Antimony oxide (Sb<sub>2</sub>O<sub>3</sub>) (1309-64-4)</b>	
<b>Croatia - Occupational Exposure Limits</b>	
GVI (OEL TWA) [1]	0.5 mg/m <sup>3</sup>
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	0.1 mg/m <sup>3</sup>
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA) [1]	0.5 mg/m <sup>3</sup> (Antimony)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	0.006 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-respirable fraction)
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	1 mg/m <sup>3</sup> (dust (Antimony trioxides))
<b>Portugal - Occupational Exposure Limits</b>	
OEL chemical category	A2 - Suspected Human Carcinogen production
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	0.25 mg/m <sup>3</sup> (inhalable fraction)
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	0.1 mg/m <sup>3</sup> (Sb-inhalable dust)
OEL chemical category	Category C1B carcinogen
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	0.02 mg/m <sup>3</sup> (inhalable particulate matter)
ACGIH chemical category	Suspected Human Carcinogen production

### 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.

#### 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)

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### Hand protection:

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

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### 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	: Solid
Colour	: Black
Appearance	: Black granules or tablet
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not applicable.
Boiling point	: Not available
Flammability	: Non flammable.
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosive limits	: Not applicable.
Lower explosion limit	: Not applicable.
Upper explosion limit	: Not applicable.
Flash point	: Not applicable.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available
pH	: 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
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not applicable.
Particle size	: 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 strong oxidants. Polymerization may occur at elevated temperature or in the presence of incompatible materials.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reacts with strong oxidants. Polymerization may occur at elevated temperature or in the presence of incompatible materials.

### 10.4. Conditions to avoid

Danger of dust explosions. Take measures to prevent the build-up of electrostatic charges. Danger of decomposition if exposed to heat. See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Hydrocarbons. Carbon monoxide. Bromine compounds. Irritating vapours.

## 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

#### Phenol-formaldehyde polymer (9003-35-4)

LD50 oral rat	> 5 g/kg
LD50 dermal rat	> 2000 mg/kg

#### Pyrimido[1,2-a]zazepine, 2,3,4,6,7,8,9,10-octahydro- (6674-22-2)

LD50 oral rat	300 – 2000 mg/kg
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#### 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

#### Antimony oxide (Sb2O3) (1309-64-4)

LD50 oral rat	> 34600 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	> 5.2 mg/l/4h

#### 3-Mercaptopropyltrimethoxysilane (4420-74-0)

LD50 oral rat	730 µl/kg
LD50 dermal rabbit	2494 mg/kg
Skin corrosion/irritation	: Not classified

#### Silica, amorphous (7631-86-9)

pH	3.5 – 4.4
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Serious eye damage/irritation : Causes serious eye irritation.



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### Silica, amorphous (7631-86-9)

pH 3.5 – 4.4

Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

### Silica, vitreous (60676-86-0)

IARC group 3 - Not classifiable

### Silica, amorphous (7631-86-9)

IARC group 3 - Not classifiable

### Antimony oxide (Sb<sub>2</sub>O<sub>3</sub>) (1309-64-4)

IARC group 2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

Adverse health effects 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 %

### 11.2.2. Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

### 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)

### Antimony oxide (Sb<sub>2</sub>O<sub>3</sub>) (1309-64-4)

LC50 - Fish [1] > 80 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])  
LC50 - Fish [2] > 1000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])  
EC50 - Crustacea [1] > 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)  
EC50 - Crustacea [2] 361.5 – 496 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])  
EC50 72h - Algae [1] 0.63 – 0.8 mg/l (Species: Pseudokirchneriella subcapitata)  
EC50 96h - Algae [1] 0.65 – 0.81 mg/l (Species: Pseudokirchneriella subcapitata)

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### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

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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 : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : 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 number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping 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

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ADR	IMDG	IATA	ADN	RID
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 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.

## 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

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### 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
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)
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

# HYSOL KL 1000-3A

## Safety Data Sheet

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

Version	: 1.0
Issue date	: 1/12/2023
Revision date	: 1/12/2023
Data sources	: ECHA reference. Loli.
Training advice	: 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 Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
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.
H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Sens. 1	Skin sensitisation, Category 1

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.