

SAFETY DATA SHEET

According to directive 1907/2006/EC, 2020/878

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Version 2.0

Revision Date: 01-08-2022

Print Date: 14-10-2022

Trade name: Fil Cristal UV

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

1.1 Product identification:

Product name: FIL CRISTAL UV
2-hydroxyethyl methacrylate
CAS: 868-77-9
EC: 212-782-2
Index: 607-124-00-X
REACH: 01-2119490169-29

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

Relevant uses: Resins for making composites
Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet

Responsible distributor: ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

For Belgium: Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.
NHS 24 Direct: For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

Classification according to Directive (EC) No 1272/2008 and its amendments.

The product is classified according to the applicable legislation.

Classification in accordance with Regulation (EC) No 1272/2008 as amended.

Health hazards

Skin Sens. 1: Sensitisation, skin, Category 1, H317

For the full text of H phrases mentioned in this section, see section 16.

2.2 Label elements:

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



Hazard pictograms:

Signal word Warning.

Hazardous ingredients which must be stated on the label

- Contains 2-hydroxyethyl methacrylate.

Indications of danger:

H317 - May cause an allergic skin reaction.

Precautions

Prevention:

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P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.

Action:

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment.

2.3 Other hazards:

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

The substance/mixture does not contain any components of which it is claimed are considered to have endocrine disrupting properties according to REACH article 57(f) or the delegated regulation of the Commission (EU) 2018/605 at level 0.1% or higher.

Toxicological information:

The substance/mixture does not contain any components of which it is claimed are considered to have endocrine disrupting properties according to REACH article 57(f) or the delegated regulation of the Commission (EU) 2018/605 at level 0.1% or higher.

SECTION 3: Composition and information on ingredients

3.1 Substance:

Description:

Chemical description: Epoxic resin

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Chemical Name	CAS No. EC-No. Index no. Registration number	Layout (Regulation (EC) No 1272/008)	Concentration (%)
2-hydroxyethyl methacrylate	868-77-9 212-782-2 607-124-00-X 01-2119490169-29	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317	50 - <75 %
2-hydroxy-2-methylpropiophenone	7473-98-5 231-272-0 Non-applicable 01-2119472306-39	Acute Tox. 4: H302; Aquatic Chronic 3: H412	25 - <50 %

Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878.

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: First aid measures

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air.

Seek medical attention if the symptoms get worse or persist.

By skin contact:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap.

In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety data Sheet.

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By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes.

Do not allow the person affected to rub or close their eyes.

If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage.

In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration.

Keep the person affected at rest.

Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use.

In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable.

5.2 Special hazards arising from the substance or mixture

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA).

Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies.

Eliminate all sources of ignition.

In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures.

Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task.

Personal protection equipment must be used against potential contact with the spilt product (See section 8).

Evacuate the area and keep out those who do not have protection.

For emergency responders:

See section 8.

6.2 Environmental precautions:

Avoid spillage into the aquatic environment as it contains substances potentially dangerous for this.

Contain the product absorbed in hermetically sealed containers.

In the case of serious spillage into the aquatic environment notify the relevant authority.

6.3 Methods and material for containment and cleaning up

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It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place.

Do not absorb in sawdust or other combustible absorbents.

For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling

General precautions for safe use:

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights.

Maintain order, cleanliness and destroy using safe methods (section 6).

Technical recommendations for the prevention of fires and explosions:

Product is non-flammable under normal conditions of storage, handling and use.

It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products.

Consult section 10 for information on conditions and materials that should be avoided.

Technical recommendations on general occupational hygiene:

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

Technical recommendations to prevent environmental risks:

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities

Technical measures for storage:

Minimum Temp.: 5°C

Maximum Temp.: 30°C

Maximum time: 6 Months

General conditions for storage:

Avoid sources of heat, radiation, static electricity and contact with food.

For additional information see subsection 10.5.

7.3 Specific end use:

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

There are no applicable occupational exposure limits for the substances contained in the product.

DNEL (Workers):

Identification		Short Exposure		Long Exposure	
		Systemic	Local	Systemic	Local
2-hydroxyethyl methacrylate CAS: 868-77-9 EC: 212-782-2	Oral	Non applicable	Non applicable	Non applicable	Non applicable
	Dermal	Non applicable	Non applicable	1,3 mg/kg	Non applicable
	Inhalation	Non applicable	Non applicable	4,9 mg/m ³	Non applicable
2-hydroxy-2-methylpropiophenone CAS: 7473-98-5 EC: 231-272-0	Oral	Non applicable	Non applicable	Non applicable	Non applicable
	Dermal	Non applicable	Non applicable	1 mg/kg	Non applicable
	Inhalation	Non applicable	Non applicable	3,5 mg/m ³	Non applicable

DNEL (Population):

Identification		Short Exposure		Long Exposure	
		Systemic	Local	Systemic	Local
2-hydroxyethyl methacrylate CAS: 868-77-9	Oral	Non applicable	Non applicable	0,83 mg/kg	Non applicable
	Dermal	Non applicable	Non applicable	0,83 mg/kg	Non applicable

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EC: 212-782-2	Inhalation	Non applicable	Non applicable	2,9 mg/m ³	Non applicable
2-hydroxy-2-methylpropiophenone CAS: 7473-98-5 EC: 231-272-0	Oral	Non applicable	Non applicable	0,4 mg/kg	Non applicable
	Dermal	Non applicable	Non applicable	0,5 mg/kg	Non applicable
	Inhalation	Non applicable	Non applicable	0,9 mg/m ³	Non applicable

Predicted no-effect concentration (PNEC) in accordance with Regulation (EC) No 1907/2006:

Identification					
2-hydroxyethyl methacrylate CAS: 868-77-9 EC: 212-782-2	STP	10 mg/L	Fresh Water	0,482 mg/L	
	Soil	0,476 mg/kg	Marine Water	0,482 mg/L	
	Intermittent	1 mg/L	Sediment (Fresh Water)	3,79 mg/kg	
	Oral	Non applicable	Sediment (Marine Water)	3,79 mg/kg	
2-hydroxy-2-methylpropiophenone CAS: 7473-98-5 EC: 231-272-0	STP	45 mg/L	Fresh Water	0,002 mg/L	
	Soil	0,001 mg/kg	Marine Water	0 mg/L	
	Intermittent	0,019 mg/L	Sediment (Fresh Water)	0,009 mg/kg	
	Oral	Non applicable	Sediment (Marine Water)	0,001 mg/kg	

8.2 Exposure controls:

Individual protection measures, such as personal protective equipment:

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425.

For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer.

For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

Respiratory protection:

PPE:

Filter mask for gases and vapours

CEN Standard:

EN 405:2002+A1:2010

Remarks:

Replace when there is a taste or smell of the contaminant inside the face mask.

If the contaminant comes with warnings it is recommended to use isolation equipment.

Specific protection for the hands:

PPE:

Protective gloves against minor risks.

Remarks:

Replace gloves in case of any sign of damage.

We recommend using CE III gloves in line with standards EN 420:2004+ A1:2010 and EN ISO 374-1:2016+A1:2018

Eye and face protection:

PPE:

Panoramic glasses against splash/projections.

CEN Standard:

EN 166:2002 and EN ISO 4007:2018

Remarks:

Clean daily and disinfect periodically according to the manufacturer's instructions.

Use if there is a risk of splashing.

Body protection:

PPE:

Work clothing

Remarks:

Replace before any evidence of deterioration.

In accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.

PPE:

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Anti-slip work shoes

CEN Standard:

EN ISO 20347:2012

Remarks:

Replace before any evidence of deterioration.

In accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007.

Additional emergency measures:

Emergency measure:

Emergency shower

Standards:

ANSI Z358-1, ISO 3864-1:2011, ISO 3864-4:2011

Emergency measure:

Eyewash stations

Standards:

DIN 12 899, ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container.

For additional information see subsection 7.1.D.

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	59,9 % weight
V.O.C. density at 20°C:	642,48 kg/m ³ (642,48 g/L)
Average carbon number:	6
Average molecular weight:	130,1 g/mol

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

*Not relevant due to the nature of the product, not providing information property of its hazards.

Physical state at 20°C:	Liquid
Appearance:	Not available
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	222°C
Vapour pressure at 20°C:	711 Pa
Vapour pressure at 50°C:	3766,99 Pa (3,77 kPa)
Evaporation rate at 20°C:	Non-applicable *

Product description:

Density at 20°C:	1072,6 kg/m ³
Relative density at 20°C:	1,073
Dynamic viscosity at 20°C:	8,26 cP
Kinematic viscosity at 20°C:	7,7 mm ² /s
Kinematic viscosity at 40°C:	Non-applicable *
Concentration:	Non-applicable *
pH:	Non-applicable *
Vapour density at 20°C:	Non-applicable *
Partition coefficient n-octanol/water 20°C:	Non-applicable *
Solubility in water at 20°C:	Non-applicable *

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Solubility properties: Insoluble in water

Decomposition temperature: Non-applicable *

Melting point/freezing point: Non-applicable *

Flammability:

Flash Point: 101°C

Flammability (solid, gas): Non-applicable *

Autoignition temperature: Non-applicable *

Lower flammability limit: Non-applicable *

Upper flammability limit: Non-applicable *

Particle characteristics:

Median equivalent diameter: Non-applicable

9.2 Other information

Information with regard to physical hazard classes:

Explosive properties: Non-applicable *

Oxidising properties: Non-applicable *

Corrosive to metals: Non-applicable *

Heat of combustion: Non-applicable *

Aerosols-total percentage (by mass) of flammable components: Non-applicable *

Other safety characteristics:

Surface tension at 20°C: Non-applicable *

Refraction index: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: Stability and reactivity

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical Stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Potentially hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid

Applicable for handling and storage at room temperature:

Shock and friction: Not applicable

Contact with air: Not applicable

Increase in temperature: Not applicable

Sunlight: Not applicable

Humidity: Not applicable

10.5 Chemically Interacting Materials:

Acids: Avoid strong acids

Water: Not applicable

Oxidising materials: Not applicable

Combustible materials: Not applicable

Others: Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products.

Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

Ingestion (acute effect):

Acute toxicity :

Based on available data, the classification criteria are not met.

However, it contains substances classified as dangerous for consumption.

For more information see section 3.

Corrosivity/Irritability:

Based on available data, the classification criteria are not met.

However, it does contain substances classified as hazardous for this effect.

For more information see section 3.

Inhalation (acute effect):

Acute toxicity :

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation.

For more information see section 3.

Corrosivity/Irritability:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.

For more information see section 3.

Contact with the skin and the eyes (acute effect):

Contact with the skin:

Based on available data, the classification criteria are not met.

However, it contains substances classified as hazardous for skin contact.

For more information see section 3.

Contact with the eyes:

Based on available data, the classification criteria are not met.

However, it does contain substances classified as hazardous for this effect.

For more information see section 3.

CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Carcinogenicity:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned.

For more information see section 3.

IARC:

Non-applicable

Mutagenicity:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.

For more information see section 3.

Reproductive toxicity:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.

For more information see section 3.

Sensitizing effects:

Respiratory:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects.

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For more information see section 3.

Skin:

Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.

For more information see section 3.

Specific target organ toxicity (STOT)-repeated exposure:

Specific target organ toxicity (STOT)-repeated exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.

For more information see section 3.

Skin:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.

For more information see section 3.

Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.

For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

Components:

2-hydroxyethyl methacrylate | CAS: 868-77-9 | EC: 212-782-2

Acute toxicity:

LD50 oral 5050 mg/kg (Rat)

LD50 dermal 3000 mg/kg (Rabbit)

LC50 inhalation >20 mg/L

2-hydroxy-2-methylpropiophenone | CAS: 7473-98-5 | EC: 231-272-0

Acute toxicity:

D50 oral 1694 mg/kg (Rat)

LD50 dermal >2000 mg/kg

LC50 inhalation >20 mg/L

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain any components suspected of having endocrine disrupting properties according to REACH Article 57(f) or the Delegated Commission Regulation (EU) 2017/2100 or the Commission Regulation (EU) 2018/605 at level 0.1% or higher.

Further information

Product:

Remarks : No data available

SECTION 12: Ecological information

12.1 Toxicity:

Acute toxicity:

2-hydroxyethyl methacrylate | CAS: 868-77-9 | EC: 212-782-2

Concentration:

LC50 227 mg/L (96 h)

EC50 Non-applicable

EC50 Non-applicable

Species:

Pimephales promelas

Genus:

Fish

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2-hydroxy-2-methylpropiophenone | CAS: 7473-98-5 | EC: 231-272-0

Concentration:

LC50 >10 - 100 (96 h)

EC50 >10 - 100 (48 h)

EC50 >10 - 100 (72 h)

Species:

Genus:

Fish

Crustacean

Algae

Chronic Toxicity:

2-hydroxyethyl methacrylate | CAS: 868-77-9 | EC: 212-782-2

Concentration:

NOEC

NOEC 24,1 mg/L

Species:

Non-applicable

Daphnia magna

Genus:

Crustacean

12.2 Persistence and Degradability:

Product:

2-hydroxyethyl methacrylate | CAS: 868-77-9 | EC: 212-782-2

Degradability:

BOD5:

Not applicable

COD:

Not applicable

BOD5/COD:

Not applicable

Biodegradability:

Concentration:

100 mg/l

Period:

14 days

% Biodegradable:

95%

12.3 Bioaccumulation:

Product:

2-hydroxyethyl methacrylate | CAS: 868-77-9 | EC: 212-782-2

Bioaccumulation potential:

BCF:

3

Pow Log:

0.47

Potential:

Low

12.4 Mobility in Soil:

Not available.

12.5 Results of PBT and vPvB assessment

Product fails to meet PBT/vPvB criteria.

12.6 Endocrine disrupting properties

Product:

Assessment:

The substance/mixture does not contain any components suspected of having endocrine disrupting properties according to REACH Article 57(f) or the Delegated Commission Regulation (EU) 2017/2100 or the Commission Regulation (EU) 2018/605 at level 0.1% or higher.

12.7 Other Harmful Effects:

Not described.

SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

Code:

16 03 05*

Description:

Organic wastes containing hazardous substances

Waste class (Regulation (EU) No 1357/2014):

Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP6 Acute Toxicity, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage.

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product.

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Otherwise, it will be processed as non-dangerous residue.

Waste should not be disposed of into drains.

See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated.

Community legislation:

Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014.

SECTION 14: Information relating to carriage

14.1 UN number

This product is not regulated for transport (ADR/RID,IMDG,IATA)

14.2 Proper load name according to UN Model Regulations

This product is not regulated for transport (ADR/RID,IMDG,IATA)

14.3 Transport hazard class(es)

This product is not regulated for transport (ADR/RID,IMDG,IATA)

14.4 Packing group

This product is not regulated for transport (ADR/RID,IMDG,IATA)

14.5 Environmental hazards

This product is not regulated for transport (ADR/RID,IMDG,IATA)

14.6 Special precautions for the user

This product is not regulated for transport (ADR/RID,IMDG,IATA)

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as delivered.

SECTION 15: Legally required information

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH):

Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date:

Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer:

Non-applicable

Article 95, REGULATION (EU) No 528/2012:

Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products:

Non-applicable

Seveso III:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII

REACH, etc):

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

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The product could be affected by sectorial legislation

15.2 Chemical Safety Assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: Other information

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMMISSION REGULATION (EU) 2020/878

Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

Full text of other abbreviations

Acute Tox. 4: H302 - Harmful if swallowed.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: N-octanol/water partition coefficient
Koc: Partition coefficient of organic carbon
UFI: Unique Formula Identifier
IARC: International Agency for Research on Cancer

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Classification of the preparation:

Skin Sens. 1 H317

Classification procedure:

Calculation method

The information in this safety data sheet is correct to the best of our knowledge at the date of issue indicated. This information is intended only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a guarantee or indication of quality.