

# SAFETY DATA SHEET



according to Commission Regulation (EU) 2020/878 as amended

## Happy Life

Creation date 26th February 2026 Version 3

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

- 1.1. Product identifier**  
Happy Life  
Substance / mixture mixture  
Number 10000073  
UFI H270-F0CT-W00G-2RWJ
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
Środki aromatyzujące: Kompozycja zapachowa  
**Mixture uses advised against**  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**  
Name or trade name TOP WOSK PACIOREK I WAŻ SPÓŁKA JAWNA  
Address MARSZAŁKOWSKA 58 M15, WARSZAWA, 00-545  
Poland  
VAT number PL7011189826  
Phone +48 534 541 490  
Email sklep@topwosk.pl  
Web address www.topwosk.pl
- 1.4. Emergency telephone number**  
European emergency number: 112

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
The mixture is classified as dangerous.

Skin Sens. 1B, H317  
Eye Irrit. 2, H319  
Aquatic Chronic 2, H411

#### Most serious adverse effects on human health and the environment

May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Hazard pictogram



#### Signal word

Warning

#### Hazardous substances

3,7-dimethylnona-1,6-dien-3-ol (cis & trans)  
Linalyl acetate  
Cedryl methyl ether  
2-acetyl-1,2,3,4,5,6,7,8-octahydro- 2,3,8,8-tetra-methylnaphtalene (main isomer)  
Acetic acid, anhydride, reaction product1,5,10-trimethyl-1,5,9- cyclododecatriene  
α-methyl-1,3-benzodioxole-5-propionaldehyde  
6,7-Dihydro-1,1,2,3,3-pentamethyl- 4(5H)-indanone  
(ethoxymethoxy)cyclododecane  
cyclohexylidene-o-tolyl-acetonitrile  
1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one

#### Hazard statements

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

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### Precautionary statements

P261 Avoid breathing mist/vapours/spray.  
P280 Wear eye protection/protective gloves.  
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.  
P391 Collect spillage.

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 84-66-2 EC: 201-550-6 Registration number: 01-2119486682-27	1,2-Benzenedicarboxylic acid, diethyl ester	≥70-<90	not classified as dangerous	
CAS: 10339-55-6 EC: 233-732-6 Registration number: 01-2119969272-32	3,7-dimethylnona-1,6-dien-3-ol (cis & trans)	≥1-<5	Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 115-95-7 EC: 204-116-4 Registration number: 01-2119454789-19	Linalyl acetate	≥1-<5	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 19870-74-7 EC: 243-384-7 Registration number: 01-2120228335-61	Cedryl methyl ether	≥1-<2.5	Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
Index: 603-212-00-7 CAS: 1222-05-5 EC: 214-946-9 Registration number: 01-2119488227-29	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	≥1-<2.5	Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
CAS: 54464-57-2 EC: 915-730-3 Registration number: 01-2119489989-04	2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetra-methylnaphthalene (main isomer)	≥0.25-<1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 1, H410 (M=1)	
CAS: 144020-22-4 EC: 482-330-9 Registration number: 01-0000020172-83	Acetic acid, anhydride, reaction product 1,5,10-trimethyl-1,5,9-cyclododecatriene	≥0.25-<1	Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
Index: 605-042-00-9 CAS: 1205-17-0 EC: 214-881-6 Registration number: 01-2120740119-58	α-methyl-1,3-benzodioxole-5-propionaldehyde	≥0.25-<1	Skin Sens. 1B, H317	
CAS: 2050-08-0 EC: 218-080-2 Registration number: 01-2119969444-27	Pentyl 2-hydroxybenzoate	≥0.25-<1	Acute Tox. 4, H302 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 65405-77-8 EC: 265-745-8 Registration number: 01-2119987320-37	cis-3-hexenyl 2-hydroxybenzoate	≥0.25-<1	Repr. 2, H361 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	
CAS: 33704-61-9 EC: 251-649-3 Registration number: 01-2119977131-40	6,7-Dihydro-1,1,2,3,3-pentamethyl- 4(5H)-indanone	≥0.1-<0.25	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
CAS: 34902-57-3 EC: 422-320-3 Registration number: 01-0000016883-62	masa poreakcyjna: (E)- oksacykloheksadec-12-en-2-onu; (E)-oksacykloheksadec-13-en-2-onu a) (Z)-oksacykloheksadec-12-en-2-onu i b) (Z)-oksacykloheksadec-13-en-2-onu	≥0.1-<0.25	Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
CAS: 58567-11-6 EC: 261-332-1 Registration number: 01-2119971571-34	(ethoxymethoxy)cyclododecane	≥0.1-<0.25	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411	
CAS: 916887-53-1 EC: 482-300-5 Registration number: 01-0000020170-87	cyclohexylidene-o-tolyl-acetonitrile	≥0.1-<0.25	Skin Sens. 1B, H317 STOT RE 2, H373 (heart) Aquatic Chronic 2, H411	
CAS: 23696-85-7 EC: 245-833-2 Registration number: 01-2120105798-49	1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	≥0.025-<0.1	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Acute Tox. 4, H332 Aquatic Chronic 2, H411	

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

##### If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

##### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

##### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

##### If swallowed

Rinse out the mouth with water and provide 0.2-0.5 L of water. Provide medical treatment if the person has any health problems.

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

##### If inhaled

Not expected.

##### If on skin

May cause an allergic skin reaction.

##### If in eyes

Causes serious eye irritation.

##### If swallowed

Irritation, nausea.

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

Symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

#### Unsuitable extinguishing media

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

### 6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

### 8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles.

#### Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Contaminated skin should be washed thoroughly.

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Glove material	Thickness	Breakthrough time	Class
		>10 min	1

### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

### Thermal hazard

Data not available.

### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2. Collect spillage.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	data not available
Odour	characteristic
Odour threshold	No data available
Melting point/freezing point	<-20 °C
Boiling point or initial boiling point and boiling range	>200 °C
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	>100 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Viscosity	No data available
Solubility in water	insoluble
Solubility in fats	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

Oxidising properties	No data available
Vapour density	No data available
Bulk density	No data available g/cm <sup>3</sup>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

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### SECTION 11: Toxicological information

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

Hazardous substances in concentrations exceeding exposure limits may cause acute inhalation poisoning, depending on the concentration and duration of exposure. No toxicological data is available for the mixture.

#### Acute toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

<b>(ethoxymethoxy)cyclododecane</b>					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	>5000 mg/kg bw			
Dermal	ATE	>5000 mg/kg bw			
Oral	LD <sub>50</sub>	>5000 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>5000 mg/kg		Rabbit	

<b>1,2-Benzenedicarboxylic acid, diethyl ester</b>					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	8600 mg/kg bw			
Oral	LD <sub>50</sub>	8600 mg/kg		Rat	

<b>2-acetyl-1,2,3,4,5,6,7,8-octahydro- 2,3,8,8-tetra-methylnaphtalene (main isomer)</b>					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	>5000 mg/kg bw			
Dermal	ATE	>5000 mg/kg bw			

<b>3,7-dimethylnona-1,6-dien-3-ol (cis &amp; trans)</b>					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Dermal	ATE	>5000 mg/kg bw			
Dermal	LD <sub>50</sub>	>5000 mg/kg		Rabbit	

<b>6,7-Dihydro-1,1,2,3,3-pentamethyl- 4(5H)-indanone</b>					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	2900 mg/kg bw			

<b>Acetic acid, anhydride, reaction product1,5,10-trimethyl-1,5,9- cyclododecatriene</b>					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	>5000 mg/kg bw			

<b>Cedryl methyl ether</b>					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	>5000 mg/kg bw			
Dermal	ATE	>5000 mg/kg bw			
Oral	LD <sub>50</sub>	>5000 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>5000 mg/kg		Rabbit	

<b>cis-3-hexenyl 2-hydroxybenzoate</b>					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Dermal	ATE	>5000 mg/kg bw			
Dermal	LD <sub>50</sub>	>5000 mg/kg		Rabbit	

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Linalyl acetate					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	13934 mg/kg bw			
Dermal	ATE	>5000 mg/kg bw			
Oral	LD <sub>50</sub>	13934 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>5000 mg/kg		Rabbit	

Pentyl 2-hydroxybenzoate					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	2000 mg/kg bw			
Oral	LD <sub>50</sub>	2000 mg/kg		Rat	

$\alpha$ -methyl-1,3-benzodioxole-5-propionaldehyde					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	ATE	3561 mg/kg bw			

### Skin corrosion/irritation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Serious eye damage/irritation

Causes serious eye irritation. Data for the components of the mixture are not available.

### Respiratory or skin sensitisation

May cause an allergic skin reaction. Data for the components of the mixture are not available.

### Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Toxicity for specific target organ - single exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Toxicity for specific target organ - repeated exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

## 11.2. Information on other hazards

not available

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

##### Acute toxicity

Cedryl methyl ether				
Parameter	Value	Exposure time	Species	Environment
Współczynnik M	1			

cis-3-hexenyl 2-hydroxybenzoate				
Parameter	Value	Exposure time	Species	Environment
Współczynnik M	1			

Pentyl 2-hydroxybenzoate				
Parameter	Value	Exposure time	Species	Environment
Współczynnik M	1			

##### Chronic toxicity

Cedryl methyl ether				
Parameter	Value	Exposure time	Species	Environment
Współczynnik M	1			

Pentyl 2-hydroxybenzoate				
Parameter	Value	Exposure time	Species	Environment
Współczynnik M	1			

#### 12.2. Persistence and degradability

No data are available for either the mixture or the components.

#### 12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

#### 12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

#### 12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

#### 12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

#### 12.7. Other adverse effects

Data not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Perfectly cleaned containers can be submitted for recycling.

##### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

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### SECTION 14: Transport information

- 14.1. UN number or ID number**  
not subject to transport regulations
- 14.2. UN proper shipping name**  
not relevant
- 14.3. Transport hazard class(es)**  
not relevant
- 14.4. Packing group**  
not relevant
- 14.5. Environmental hazards**  
not relevant
- 14.6. Special precautions for user**  
Reference in the Sections 4 to 8.
- 14.7. Maritime transport in bulk according to IMO instruments**  
not relevant

### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- 15.2. Chemical safety assessment**  
not available

### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to the heart 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.

#### Guidelines for safe handling used in the safety data sheet

P261	Avoid breathing mist/vapours/spray.
P280	Wear eye protection/protective gloves.
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.
P391	Collect spillage.

#### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

#### Key to abbreviations and acronyms used in the safety data sheet

Acute Tox.	Acute toxicity
ADR	Agreement concerning the international carriage of dangerous goods by road
Aquatic Acute	Hazardous to the aquatic environment

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Aquatic Chronic	Hazardous to the aquatic environment (chronic)
ATE	Acute toxicity estimate
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EU	European Union
EuPCS	European Product Categorisation System
Eye Irrit.	Eye irritation
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
Repr.	Reproductive toxicity
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

## Statement

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The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.