

# SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)



## Ecoclean Tar-

Version 2.1

Date of compilation: 29/04/2025

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

#### 1.1 Product identifier.

Product Name: Ecoclean Tar  
UFI: 1NAH-7KNS-3TKC-0YDS

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

To clean tar and bug splats from car surfaces.

#### Uses advised against:

For professional use only.

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

Company: **IGL Coatings**  
Address: No. 7, Jalan Majistret U1/26, Hicom-Glenmarie Industrial Park, Seksyen U1  
City: 40150 - Shah Alam  
Province: Selangor  
Telephone: +0355690980  
E-mail: regulations@iglcoatings.com  
Web: <https://iglcoatings.com/>

#### 1.4 Emergency telephone number: (Only available during office hours; Monday-Friday; 08:00-18:00)

### SECTION 2: HAZARDS IDENTIFICATION.

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

In accordance with Regulation (EC) No 1272/2008:

Acute Tox. 4 : Harmful if swallowed.  
Eye Dam. 1 : Causes serious eye damage.  
Flam. Liq. 2 : Highly flammable liquid and vapour.

#### 2.2 Label elements.

##### Labelling in accordance with Regulation (EC) No 1272/2008:

Pictograms:



Signal Word:

**Danger**

Hazard statements:

H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
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.  
P310 Immediately call a POISON CENTER/doctor.  
P370+P378 In case of fire: Use carbon dioxide, dry chemical powder, water spray, alcohol resistant foam to extinguish.

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P403+P235 Store in a well-ventilated place. Keep cool.

### EUH statements:

EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH208 Contains 4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.

### 2.3 Other hazards.

The mixture does not contain substances classified as PBT.  
The mixture does not contain substances classified as vPvB.  
The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

### 3.1 Substances.

Not applicable.

### 3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	Specifics concentration limits and Acute toxicity estimate
CAS No: 540-88-5 EC No: 208-760-7 Registration No: 01-2119449809-22-XXXX Index No: 607-026-00-7	tert-butyl acetate (Mixture of isomers)	25 - 50 %	Flam. Liq. 2, H225, EUH066	-
CAS No: Proprietary EC No: Proprietary Registration No: Proprietary	Proprietary	25 - 50 %	-	-
CAS No: Proprietary EC No: Proprietary Registration No: Proprietary	Proprietary	20 - 25 %	Acute Tox. 4, H302 - Eye Dam. 1, H318	-
CAS No: Proprietary Registration No: Proprietary	Proprietary	1 - 10 %	Acute Tox. 4, H302 - Aquatic Chronic 3, H412 - Eye Irrit. 2, H319 - STOT SE 3, H335 - Skin Irrit. 2, H315	-
CAS No: 687-47-8 EC No: 211-694-1 Registration No: 01-2119516234-49-XXXX Index No: 607-129-00-7	ethyl (S)-2-hydroxypropionate, ethyl L-lactate, ethyl(S)-lactate	3 - 20 %	Eye Dam. 1, H318 - Flam. Liq. 3, H226 - STOT SE 3, H335	-

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CAS No: 121-32-4 EC No: 204-464-7 Registration No: 01-2119958961-24-XXXX	3-ethoxy-4-hydroxybenzaldehyde	0 - 10 %	Eye Irrit. 2	
CAS No: 25265-71-8 EC No: 246-770-3 Registration No: 01-2119456811-38-XXXX	Dipropylene glycol	0 - 2.5 %	-	-
CAS No: 1222-05-5 EC No: 214-946-9 Registration No: 01-2119488227-29-XXXX Index No: 603-212-00-7	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, galaxolide, (HHCB)	0 - 0.25 %	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410	-
CAS No: 81-14-1 EC No: 201-328-9 Registration No: 01-2120766629-37-XXXX Index No: 609-069-00-7	musk ketone, 3,5-dinitro-2,6-dimethyl-4-tert-butylacetophenone, 4'-tert-butyl-2', 6'-dimethyl-3', 5'-dinitroacetophenone	0 - 0.25 %	Aquatic Acute 1, H400 (M=1) - Aquatic Chronic 1, H410 (M=1) - Carc. 2, H351	-
CAS No: 4940-11-8 EC No: 225-582-5	Ethyl maltol	0 - 2.5 %	Acute Tox. 4, H302	-
CAS No: 91-64-5 EC No: 202-086-7	Coumarin	0 - 1 %	Acute Tox. 4, H302 - STOT RE 2, H373 - Skin Sens. 1, H317	-
CAS No: 31906-04-4 EC No: 250-863-4 Index No: 605-040-00-8	4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde	0.01 - 0.1 %	Skin Sens. 1A, H317	-

(\*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[2] Substance with a national workplace exposure limit (see section 8.1).

### SECTION 4: FIRST AID MEASURES.

#### 4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

#### Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

#### Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't let the person to rub the affected eye.

#### Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

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### Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

Harmful Product, prolonged exposure due to inhalation may cause anaesthetic effects and the need for immediate medical assistance. Contact with eyes may cause irreversible damage.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract.

## SECTION 5: FIREFIGHTING MEASURES.

The product is Highly inflammable, it can cause or considerably worsen a fire, the necessary prevention measures should be taken and risks avoided. In case of fire, the following measures are recommended:

### **5.1 Extinguishing media.**

#### **Suitable extinguishing media:**

Extinguisher powder or CO<sub>2</sub>. In case of more serious fires, also alcohol-resistant foam and water spray.

#### **Unsuitable extinguishing media:**

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

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

#### **Special risks.**

Exposure to combustion or decomposition products can be harmful to your health.

During a fire and depending on its magnitude the following may occur:

- Flammable vapors or gases.

### **5.3 Advice for firefighters.**

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Follow the instructions given in the emergency or fire evacuation plan or plans if available.

### **Fire protection equipment.**

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots. During extinction and depending on the magnitude and proximity to the fire, additional protective equipment such as chemical protection gloves, heat-reflecting suits or gas-tight suits may be required.

## SECTION 6: ACCIDENTAL RELEASE MEASURES.

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

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

### **6.2 Environmental precautions.**

Product not classified as hazardous for the environment, avoid spillage as much as possible.

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

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, diatomaceous earth) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

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### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.  
For later elimination of waste, follow the recommendations under section 13.

## SECTION 7: HANDLING AND STORAGE.

### 7.1 Precautions for safe handling.

The fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use anti-static footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

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

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

### 7.3 Specific end use(s).

To clean tar and bug splats from car surfaces.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

### 8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
tert-butyl acetate (Mixture of isomers) CAS No: 540-88-5 EC No: 208-760-7	DNEL (Workers)	Inhalation, Chronic, Systemic effects	159 (mg/m <sup>3</sup> )
ethyl (S)2-hydroxypropionate, ethyl L-lactate, ethyl(S)-lactate CAS No: 687-47-8 EC No: 211-694-1	DNEL (Workers)	Inhalation, Chronic, Local effects	3,2 (mg/m <sup>3</sup> )
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	1,6 (mg/m <sup>3</sup> )
Dipropylene glycol CAS No: 25265-71-8 EC No: 246-770-3	DNEL (Workers)	Inhalation, Chronic, Systemic effects	238 (mg/m <sup>3</sup> )
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, galaxolide, (HHCb) CAS No: 1222-05-5 EC No: 214-946-9	DNEL (Workers)	Inhalation, Chronic, Systemic effects	5,29 (mg/m <sup>3</sup> )

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

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### 8.2 Exposure controls.

#### Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

<b>Concentration:</b>	<b>100 %</b>				
<b>Uses:</b>	<b>To clean tar and bug splats from car surfaces.</b>				
<b>Breathing protection:</b>					
PPE:	Filter mask for protection against gases and particles.				
Characteristics:	«CE» marking, category III. The mask must have a wide field of vision and an anatomically designed form in order to be sealed and watertight.				
CEN standards:	EN 136, EN 140, EN 405				
Maintenance:	Should not be stored in places exposed to high temperatures and damp environments before use. Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor.				
Observations:	Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.				
Filter Type needed:	A2				
<b>Hand protection:</b>					
PPE:	Protective gloves against chemicals.				
Characteristics:	«CE» marking, category III.				
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420				
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.				
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.				
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480	Material thickness (mm):	0,35
<b>Eye protection:</b>					
PPE:	Protective goggles with built-in frame.				
Characteristics:	«CE» marking, category II. Eye protector with built-in frame for protection against dust, smoke, fog and vapour.				
CEN standards:	EN 165, EN 166, EN 167, EN 168				
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.				
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.				
<b>Skin protection:</b>					
PPE:	Anti-static protective clothing.				
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.				
CEN standards:	EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5				
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.				
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.				
PPE:	Anti-static safety footwear.				
Characteristics:	«CE» marking, category II.				
CEN standards:	EN ISO 13287, EN ISO 20344, EN ISO 20346				
Maintenance:	The footwear should be checked regularly				
Observations:	The level of comfort during use and acceptability are factors that are assessed very differently depending on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths.				

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

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

Physical state: Liquid.

Colour: Colourless.

Odour: Ester.

Odour threshold: Not available.

Melting point: Not available.

Freezing point: Not available.

Boiling point or initial boiling point and boiling range: 90 °C

Flammability: Not available.

Lower explosion limit: Not available.

Upper explosion limit: Not available.

Flash point: 22 - 23 °C

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

pH: Not available.

Kinematic viscosity: Not available.

Solubility: Not soluble in water.

Hydrosolubility: Not available.

Liposolubility: Not available.

Partition coefficient n-octanol/water (log value): Not available.

Vapour pressure: Not available.

Absolute density: 895 kg/m<sup>3</sup>

Relative density: Not available.

Relative vapour density: Not available.

Particle characteristics: Not available.

#### 9.2 Other information

Not available.

### SECTION 10: STABILITY AND REACTIVITY.

#### 10.1 Reactivity.

The product does not present hazards by their reactivity.

#### 10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

#### 10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

#### 10.4 Conditions to avoid.

Avoid any improper handling.

#### 10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

#### 10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

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### SECTION 11: TOXICOLOGICAL INFORMATION.

#### 11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008.

Splashes in the eyes can cause serious and irreversible damage.

#### Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
musk ketone, 3,5-dinitro-2,6-dimethyl-4-tert-butylacetophenone, 4'-tert-butyl-2', 6'-dimethyl-3', 5'-dinitroacetophenone  CAS No: 81-14-1      EC No: 201-328-9	Oral	LD50	Rat	> 10000 mg/kg bw [1] [1] Food and Cosmetics Toxicology. Vol. 13, Pg. 877, 1975
	Dermal	LD50	Rabbit	> 10000 mg/kg bw [1] [1] Food and Cosmetics Toxicology. Vol. 13, Pg. 877, 1975
	Inhalation			

a) acute toxicity;

Product classified:

Acute toxicity (Oral), Category 4: Harmful if swallowed.

Acute Toxicity Estimate (ATE):

Mixtures:

ATE (Oral) = 1,724 mg/kg

b) skin corrosion/irritation;

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

c) serious eye damage/irritation;

Product classified:

Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation;

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

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

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

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

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

i) STOT-repeated exposure;

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

j) aspiration hazard;

Not conclusive data for classification.

#### 11.2 Information on other hazards.

##### Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

##### Other information

There is no information available on other adverse health effects.

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### SECTION 12: ECOLOGICAL INFORMATION.

#### 12.1 Toxicity.

No information is available regarding the ecotoxicity of the substances present.

#### 12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.  
No information is available on the degradability of the substances present.  
No information is available about persistence and degradability of the product.

#### 12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
tert-butyl acetate (Mixture of isomers) CAS No: 540-88-5      EC No: 208-760-7	1,76	-	-	Very high
Dipropylene glycol CAS No: 25265-71-8      EC No: 246-770-3	-0,67	-	-	Very low

#### 12.4 Mobility in soil.

No information is available about the mobility in soil.  
The product must not be allowed to go into sewers or waterways.  
Prevent penetration into the ground.

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

No information is available about the results of PBT and vPvB assessment of the product.

#### 12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

#### 12.7 Other adverse effects.

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.  
No information is available about other adverse effects for the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS.

#### 13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.  
Follow the provisions of Directive 2008/98/EC regarding waste management.

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### SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

**Land:** Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

**Sea:** Transport by ship: IMDG.

Transport documentation: Bill of lading

**Air:** Transport by plane: ICAO/IATA.

Transport document: Airway bill.

#### 14.1 UN number or ID number.

UN No: UN1263

#### 14.2 UN proper shipping name.

Description:

ADR/RID: UN 1263, PAINT RELATED MATERIAL, 3, PG III, (E)

IMDG: UN 1263, PAINT RELATED MATERIAL, 3, PG III (22-23°C)

ICAO/IATA: UN 1263, PAINT RELATED MATERIAL, 3, PG III

#### 14.3 Transport hazard class(es).

Class(es): 3

#### 14.4 Packing group.

Packing group: III

#### 14.5 Environmental hazards.

Marine pollutant: No

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-E,S-E

#### 14.6 Special precautions for user.

Labels: 3



Hazard number: Not applicable.

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR.

Proceed in accordance with point 6.

ADR LQ: 5 L

IMDG LQ: 5 L

ICAO LQ: 10 L

#### 14.7 Maritime transport in bulk according to IMO instruments.

The product is not transported in bulk.

### SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

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Kind of pollutant to water (Germany): WGK 1: Slightly hazardous to water. (Autoclassified according to the AwSV Regulations)

### 15.2 Chemical safety assessment.

The supplier has carried out a Chemical Safety Assessment for the substance/mixture.

## SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
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.
H412	Harmful to aquatic life with long lasting effects.

Complete text of the EUH phrases that appear in section 3:

EUH066	Repeated exposure may cause skin dryness or cracking.
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Classification codes:

Acute Tox. 4 : Acute toxicity (Oral), Category 4  
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1  
Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1  
Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3  
Carc. 2 : Carcinogen, Category 2  
Eye Dam. 1 : Serious eye damage, Category 1  
Eye Irrit. 2 : Eye irritation, Category 2  
Flam. Liq. 2 : Flammable liquid, Category 2  
Flam. Liq. 3 : Flammable liquid, Category 3  
STOT RE 2 : Specific target organ toxicity following a repeated exposure, Category 2  
STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3  
Skin Irrit. 2 : Skin irritant, Category 2  
Skin Sens. 1 : Skin sensitiser, Category 1  
Skin Sens. 1A : Skin sensitiser, Category 1A

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR:	Agreement concerning the International Carriage of Dangerous Goods by Road.
AwSV:	Facility Regulations for handling substances that are hazardous for the water.
BCF:	Bioconcentration factor.
CEN:	European Committee for Standardization.
DMEL:	Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL:	Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

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**Version 2.1**

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EC50: Half maximal effective concentration.  
PPE: Personal protection equipment.  
IATA: International Air Transport Association.  
ICAO: International Civil Aviation Organization.  
IMDG: International Maritime Code for Dangerous Goods.  
LC50: Lethal concentration, 50%.  
LD50: Lethal dose, 50%.  
NOEC: No observed effect concentration.  
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.  
WGK: Water hazard classes.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2020/878.

Regulation (EC) No 1907/2006.

Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with 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 on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.