# Naturaphy Hand soap antibacterial & aloe vera

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

1.1 Product identifier: Naturaphy

Hand soap

antibacterial & aloe vera

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

Relevant uses: Cosmetics

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:

BluxCosmetics Sp. z o. o.

Trzciana 243B

36-071 Trzciana - Polska

Phone.: +48178551471 - Fax: +48175061580

biuro@blux.com.pl www.blux.pl

1.4 Emergency telephone number: 112

# **SECTION 2: HAZARDS IDENTIFICATION**

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

#### CLP Regulation (EC) No 1272/2008:

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

#### 2.2 Label elements:

### CLP Regulation (EC) No 1272/2008:

None

# 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 Substance:

Non-applicable

# 3.2 Mixture:

Chemical description: Mixture of substances

**Components:** 

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

	Identification	Chemical name/Classification						
CAS:		Alcohols, C12-14(eve	en numbered), ethoxylated < 2.5 EO, sulfates, sodium salts(1)	Self-classified				
EC: Index: REACH:	500-234-8 Non-applicable 01-2119488639-16- XXXX	Regulation 1272/2008	Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger		2,5 - <10 %			
CAS:		Amides, c8-18(even	numbered) and c18-unsatd., n, n-(hydroxyethyl)(1)	Self-classified				
Index: Non-ap	931-329-6 Non-applicable 01-2119490100-53- Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger	<b>₹</b>	2,5 - <10 %				

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

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

# Other information:

Identification	Specific concentration limit
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts CAS: 68891-38-3 EC: 500-234-8	% (w/w) >=10: Eye Dam. 1 - H318 5<= % (w/w) <10: Eye Irrit. 2 - H319

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# **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:

In case the skin is affected (stinging, redness, rashes, blisters,...), seek medical help with this Safety Data Form.

#### By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for 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: FIREFIGHTING MEASURES**

#### 5.1 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. IT IS NOT RECOMMENDED to use full jet water as an extinguishing agent.

# 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

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

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.

#### 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:

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.

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# SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

#### 6.4 Reference to other sections:

See sections 8 and 13.

#### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- 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.

C.- Technical recommendations to prevent ergonomic and toxicological risks

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

D.- 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:

A.- Technical measures for storage

Minimum Temp.: 5 °C Maximum Temp.: 30 °C

B.- 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(s):

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

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

# **DNEL (Workers):**

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 68891-38-3	Dermal	Non-applicable	Non-applicable	2750 mg/kg	Non-applicable
EC: 500-234-8	Inhalation	Non-applicable	Non-applicable	175 mg/m <sup>3</sup>	Non-applicable
Amides, c8-18(even numbered) and c18-unsatd., n, n-(hydroxyethyl)	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	4,16 mg/kg	Non-applicable
EC: 931-329-6	Inhalation	Non-applicable	Non-applicable	73,4 mg/m <sup>3</sup>	Non-applicable

#### **DNEL (General population):**

		Short e	xposure	Long ex	xposure
Identification		Systemic	Local	Systemic	Local
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Oral	Non-applicable	Non-applicable	15 mg/kg	Non-applicable
CAS: 68891-38-3	Dermal	Non-applicable	Non-applicable	1650 mg/kg	Non-applicable
EC: 500-234-8	Inhalation	Non-applicable	Non-applicable	52 mg/m <sup>3</sup>	Non-applicable

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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Amides, c8-18(even numbered) and c18-unsatd., n, n-(hydroxyethyl)	Oral	Non-applicable	Non-applicable	6,25 mg/kg	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	2,5 mg/kg	Non-applicable
EC: 931-329-6	Inhalation	Non-applicable	Non-applicable	21,73 mg/m <sup>3</sup>	Non-applicable

#### PNEC:

Identification				
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	STP	10000 mg/L	Fresh water	0,24 mg/L
CAS: 68891-38-3	Soil	0,946 mg/kg	Marine water	0,024 mg/L
EC: 500-234-8	Intermittent	0,071 mg/L	Sediment (Fresh water)	5,45 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,545 mg/kg
Amides, c8-18(even numbered) and c18-unsatd., n, n-(hydroxyethyl)	STP	830 mg/L	Fresh water	0,007 mg/L
CAS: Non-applicable	Soil	0,0189 mg/kg	Marine water	0,0007 mg/L
EC: 931-329-6	Intermittent	0,024 mg/L	Sediment (Fresh water)	0,0424 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	Non-applicable

#### 8.2 Exposure controls:

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. 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.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Non-applicable

D.- Ocular and facial protection

Non-applicable

E.- Body protection

Non-applicable

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

# **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

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

# Appearance:

Physical state at 20 °C: Liquid
Appearance: Fluid

Colour: Not available
Odour: Not available
Odour threshold: Non-applicable \*

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

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# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Volatility:

Boiling point at atmospheric pressure: 100 °C Vapour pressure at 20 °C: 2350 Pa

Vapour pressure at 50 °C: 12380,53 Pa (12,38 kPa)

Evaporation rate at 20 °C: Non-applicable \*

**Product description:** 

Density at 20 °C: 1042,9 kg/m³

Relative density at 20 °C: 1,043

Dynamic viscosity at 20 °C: Non-applicable \* Kinematic viscosity at 20 °C: Non-applicable \* Non-applicable \* Kinematic viscosity at 40 °C: 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 \* Solubility properties: Non-applicable \* Non-applicable \*

Decomposition temperature: Non-applicable \*
Melting point/freezing point: Non-applicable \*
Explosive properties: Non-applicable \*

Oxidising properties: Non-applicable \*

Flammability:

Flash Point: Non Flammable (>60 °C)

Flammability (solid, gas): Non-applicable \*

Autoignition temperature: 235 °C

Lower flammability limit: Non-applicable \* Upper flammability limit: Non-applicable \*

**Explosive:** 

Lower explosive limit:

Upper explosive limit:

Non-applicable \*

Non-applicable \*

9.2 Other information:

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 conditions of storage, handling and use.

# 10.3 Possibility of 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 Contact with air Increase in temperature Sunlight Humidity	
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# SECTION 10: STABILITY AND REACTIVITY (continued)

| Not applicable |
|----------------|----------------|----------------|----------------|----------------|
|                |                |                |                |                |

#### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Not applicable	Not applicable	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.

# 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:

- A- Ingestion (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain 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 dangerous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous for this effect. For more information see section 3.
- C- 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 dangerous 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 dangerous for this effect. For more information see section 3.
- D- 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 dangerous for the effects mentioned. For more information see section 3.

    IARC: Coumarin (3)
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
  - Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- F- 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 dangerous for this effect. For more information see section 3.

- G- 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 dangerous 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 dangerous for this effect. For more information see section 3.

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# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

#### H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

#### Other information:

Non-applicable

#### Specific toxicology information on the substances:

Identification	Acu	Genus	
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	LD50 oral	>2000 mg/kg	
CAS: 68891-38-3	LD50 dermal	>2000 mg/kg	
EC: 500-234-8	LC50 inhalation	>5 mg/L (4 h)	
Amides, c8-18(even numbered) and c18-unsatd., n, n-(hydroxyethyl)	LD50 oral	>2000 mg/kg	
CAS: Non-applicable	LD50 dermal	>2000 mg/kg	
EC: 931-329-6	LC50 inhalation	>20 mg/L (4 h)	

# SECTION 12: ECOLOGICAL INFORMATION

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

#### 12.1 Toxicity:

Identification		Acute toxicity	Species	Genus
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	LC50	7.1 mg/L (96 h)	Danio rerio	Fish
CAS: 68891-38-3	EC50	7.4 mg/L (48 h)	Daphnia magna	Crustacean
EC: 500-234-8	EC50	27 mg/L (72 h)	Scenedesmus subspicatus	Algae
Amides, c8-18(even numbered) and c18-unsatd., n, n- (hydroxyethyl)	LC50	2.4 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: Non-applicable	EC50	3.2 mg/L (48 h)	Daphnia magna	Crustacean
EC: 931-329-6	EC50	23.4 mg/L (72 h)	Scenedesmus subspicatus	Algae

### 12.2 Persistence and degradability:

Identification	Degradability		Biodegradability	
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	BOD5	Non-applicable	Concentration	10.5 mg/L
CAS: 68891-38-3	COD	Non-applicable	Period	28 days
EC: 500-234-8	BOD5/COD	Non-applicable	% Biodegradable	100 %
Amides, c8-18(even numbered) and c18-unsatd., n, n-(hydroxyethyl)	BOD5	Non-applicable	Concentration	Non-applicable
CAS: Non-applicable	COD	Non-applicable	Period	28 days
EC: 931-329-6	BOD5/COD	Non-applicable	% Biodegradable	77 %

# 12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential		
Amides, c8-18(even numbered) and c18-unsatd., n, n-(hydroxyethyl)	BCF	44	
CAS: Non-applicable	Pow Log	1.35	
EC: 931-329-6	Potential	Moderate	

# 12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Amides, c8-18(even numbered) and c18-unsatd., n, n-(hydroxyethyl)	Кос	243	Henry	3,7E-7 Pa·m³/mol
CAS: Non-applicable	Conclusion	Moderate	Dry soil	No
EC: 931-329-6	Surface tension	2,77E-2 N/m (24,5 °C)	Moist soil	No

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

Product fails to meet PBT/vPvB criteria

# 12.6 Other adverse effects:

Not described

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# SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)	
	It is not possible to assign a specific code, as it depends on the intended use by the user	Non dangerous	

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

Non-applicable

#### 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. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. 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: TRANSPORT INFORMATION

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

## SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Potassium (E,E)-hexa-2,4-dienoate, L-(+)-lactic acid.

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 ....):

Non-applicable

# 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:

The product could be affected by sectorial legislation

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products

- CONTINUED ON NEXT PAGE -

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

# SECTION 16: OTHER INFORMATION

# Legislation related to safety data sheets:

# Naturaphy Hand soap antibacterial & aloe vera

#### SECTION 16: OTHER INFORMATION (continued)

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

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

Non-applicable

#### 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

#### CLP Regulation (EC) No 1272/2008:

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects

Eye Dam. 1: H318 - Causes serious eye damage

Skin Irrit. 2: H315 - Causes skin irritation

#### Advice related to training:

Minimal 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

# **Abbreviations and acronyms:**

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: 5-day biochemical oxygen demand

BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient Koc: Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET 
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