

**Safety Data Sheet**  
**EMULSIO DETERGENTE IGIENIZZANTE PARQUET**



Safety Data Sheet dated 12/5/2020, version 1

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

- 1.1. Product identifier  
Mixture identification  
Trade name: EMULSIO DETERGENTE IGIENIZZANTE PARQUET
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended use:  
Detergent for hard surfaces.  
Consumer use (SU21) - Washing and cleaning products (PC35)  
Uses advised against:  
Different uses than recommended. Do not use in combination with other products.
- 1.3. Details of the supplier of the safety data sheet  
Manufacturer:  
SUTTER INDUSTRIES s.p.a. - Società con Unico Socio  
15060 Borghetto Borbera (AL) Italia  
Tel. +39 0143 631.1  
Competent person responsible for the safety data sheet:  
regulatory.affairs@sutter.it
- 1.4. Emergency telephone number  
+39 0143 631.1 mon-fri 9.00/17.00

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**SECTION 2: Hazards identification**

- 2.1. Classification of the substance or mixture  
EC regulation criteria 1272/2008 (CLP)  
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).  
Adverse physicochemical, human health and environmental effects:  
No other hazards
- 2.2. Label elements  
Hazard pictograms:  
None  
Hazard statements:  
None  
Precautionary statements:  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
Special Provisions:  
None
- Product contents:  
soap, anionic surfactants, non-ionic surfactants < 5 %  
The product also contains: Perfumes  
Preservatives: BENZISOTHIAZOLINONE, LAURYLAMINE  
DIPROPYLENEDIAMINE, SODIUM PYRITHIONE  
Special provisions according to Annex XVII of REACH and subsequent amendments:  
None
- 2.3. Other hazards  
vPvB Substances: None - PBT Substances: None  
Other Hazards:  
No other hazards

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**SECTION 3: Composition/information on ingredients**

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### 3.1. Substances

Not Applicable, the product is a mixture.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

>= 1% - < 3% ALKYL POLYGLUCOSIDE

REACH No.: 01-2119488530-36, CAS: 68515-73-1, EC: 500-220-1

 3.3/1 Eye Dam. 1 H318

>= 1% - < 3% ALKYL ETHER SULFATE C12-14, SODIUM SALT

REACH No.: 01-2119488639-16, CAS: 68891-38-3, EC: 500-234-8

 3.2/2 Skin Irrit. 2 H315

 3.3/1 Eye Dam. 1 H318

4.1/C3 Aquatic Chronic 3 H412

Specific Concentration Limits:

5% <= C < 10%: Eye Irrit. 2 H319

C >= 10%: Eye Dam. 1 H318

>= 1% - < 3% 2-(2-BUTOXYETHOXY)ETHANOL

REACH No.: 01-2119475104-44, Index number: 603-096-00-8, CAS: 112-34-5, EC: 203-961-6

 3.3/2 Eye Irrit. 2 H319

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

Until revision date of this document, are unknown chronic effects from the mixture contact with skin, eyes, inhalation, ingestion.

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

Treatment:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

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- Water.  
Carbon dioxide (CO<sub>2</sub>).  
Extinguishing media which must not be used for safety reasons:  
None in particular.
- 5.2. Special hazards arising from the substance or mixture  
The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).  
Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.
- 5.3. Advice for firefighters  
Use suitable breathing apparatus .  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.  
The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

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#### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures  
For non emergency personnel:  
Wear personal protection equipment.  
Remove persons to safety.  
See protective measures under point 7 and 8.  
For emergency responders:  
Wear personal protection equipment.
- 6.2. Environmental precautions  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up  
Wash with plenty of water. To converge the product in containment tanks.
- 6.4. Reference to other sections  
See also section 8 and 13

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#### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
See also section 8 for recommended protective equipment.  
Advice on general occupational hygiene:  
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities  
Store away from sunlight.  
Store in a cool and well ventilated place.  
Do not store in open or unlabeled containers.  
Keep away from food, drink and feed.  
Incompatible materials:  
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.  
None in particular.  
Instructions as regards storage premises:  
Adequately ventilated premises.
- 7.3. Specific end use(s)  
None in particular, see paragraph 1.2

**SECTION 8: Exposure controls/personal protection**

8.1. Control parameters

Until the revision date of this document, no experimental data are available for the mixture. Below, listed occupational exposure limits, if available, for the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

EU - TWA(8h): 67.5 mg/m<sup>3</sup>, 10 ppm - STEL: 101.2 mg/m<sup>3</sup>, 15 ppm

ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff

DNEL Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the DNEL exposure limits, if available, for the components listed in paragraph 3.2.

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

Worker Industry: 595000 mg/kg - Consumer: 357000 mg/kg - Exposure: Human

Dermal - Frequency: Long Term, systemic effects

Worker Industry: 420 mg/m<sup>3</sup> - Consumer: 124 mg/m<sup>3</sup> - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 35.7 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

ALKYL ETHER SULFATE C12-14, SODIUM SALT - CAS: 68891-38-3

Worker Industry: 2750 mg/kg - Consumer: 1650 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 175 mg/m<sup>3</sup> - Consumer: 52 mg/m<sup>3</sup> - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 15 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Worker Industry: 67.5 mg/m<sup>3</sup> - Consumer: 40.5 mg/m<sup>3</sup> - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Worker Industry: 83 mg/kg - Consumer: 50 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 101.2 mg/m<sup>3</sup> - Consumer: 60.7 mg/m<sup>3</sup> - Exposure: Human Inhalation -

Frequency: Short Term, local effects

Consumer: 1.25 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the PNEC exposure limits, if available, for the components listed in paragraph 3.2.

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

Target: Marine water - Value: 0.0176 mg/l

Target: Microorganisms in sewage treatments - Value: 560 mg/l

Target: Marine water sediments - Value: 0.152 mg/kg

Target: Soil (agricultural) - Value: 0.654 mg/kg

Target: Freshwater sediments - Value: 1.516 mg/kg

ALKYL ETHER SULFATE C12-14, SODIUM SALT - CAS: 68891-38-3

Target: Marine water - Value: 0.024 mg/l

Target: Microorganisms in sewage treatments - Value: 10000 mg/l

Target: Marine water sediments - Value: 0.09168 mg/kg

Target: Soil (agricultural) - Value: 7.5 mg/kg

Target: Freshwater sediments - Value: 0.9168 mg/kg

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Target: Marine water - Value: 0.11 mg/l

Target: Marine water sediments - Value: 0.44 mg/kg

Target: Microorganisms in sewage treatments - Value: 200 mg/l

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Target: Soil (agricultural) - Value: 0.32 mg/kg  
 Target: Food chain - Value: 56 mg/kg  
 Target: Fresh Water - Value: 1.1 mg/l  
 Target: Freshwater sediments - Value: 4.4 mg/kg  
 Target: Air - Value: 11 mg/l

#### 8.2. Exposure controls

##### Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

##### Protection for skin:

No special precaution must be adopted for normal use.

##### Protection for hands:

Not needed for normal use.

##### Respiratory protection:

Not needed for normal use.

##### Thermal Hazards:

The product is not flammable or explosive - see paragraph 2.1. The product contains no explosive components.

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

##### Environmental exposure controls:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 6.2.

##### Appropriate engineering controls:

No further technical checks suitable for your product under normal conditions.

See also section 1.2, section 7 and Exposure Scenario - Annex I of this document.

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes:
Appearance and colour:	Clear liquid, orange	Visual	--
Odour:	Floral	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	8,5 +- 0,5	Instrumental control	--
Melting point / freezing point:	Not Relevant	--	Parameter not relevant for the type of product
Initial boiling point and boiling range:	>=100°C	--	Estimated value on chemical / physical properties of components
Flash point:	>60 °C	--	Estimated value on chemical / physical properties of components
Evaporation rate:	Not Relevant	--	Parameter not relevant for the type of product
Solid/gas flammability:	Not Relevant	--	Parameter not relevant for the type of product
Upper/lower flammability or explosive limits:	Not Relevant	--	Parameter not relevant for the type of product
Vapour pressure:	Not Relevant	--	Parameter not relevant for the type of product
Vapour density:	Not Relevant	--	Parameter not relevant for the

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			type of product
Relative density:	1.013 g/ml	Instrumental control	--
Solubility in water:	Total	--	Internal tests
Solubility in oil:	Partial	--	Internal tests
Partition coefficient (n-octanol/water):	<1000	--	Value estimated based on the solubility of the mixture.
Auto-ignition temperature:	Not Relevant	--	Parameter not relevant for the type of product
Decomposition temperature:	Not Relevant	--	Parameter not relevant for the type of product
Viscosity:	< 10 cPs	--	Estimated indicative value. Not viscous mixture.
Explosive properties:	Not Relevant	--	Parameter not relevant for product composition.
Oxidizing properties:	Not Relevant	--	Parameter not relevant for product composition.

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Relevant	--	Parameter not relevant for the type of product
Fat Solubility:	Not Relevant	--	Parameter not relevant for the type of product
Conductivity:	Not Relevant	--	Parameter not relevant for the type of product
Substance Groups relevant properties	Not Relevant	--	Parameter not relevant for the type of product

**SECTION 10: Stability and reactivity**

10.1. Reactivity

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

10.2. Chemical stability

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

10.3. Possibility of hazardous reactions

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 7.2.

10.4. Conditions to avoid

Different uses than recommended. Do not use in combination with other products. See also 1.2 and 7.2

10.5. Incompatible materials

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

10.6. Hazardous decomposition products

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

**SECTION 11: Toxicological information**

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11.1. Information on toxicological effects

Toxicological information of the product:

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a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

Below are reported, if available, the toxicological information of the components listed in paragraph 3.2.

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg - Source: OECD 402

b) skin corrosion/irritation:

Test: Skin Irritant Negative

c) serious eye damage/irritation:

Test: Eye Corrosive Positive

Test: Eye Irritant Negative - Source: OECD 437 - Notes: Sol. 10%

d) respiratory or skin sensitisation:

Test: Skin or Resp. Sensitization Negative

e) germ cell mutagenicity:

Test: Mutagenesis Negative - Source: Ames test

ALKYL ETHER SULFATE C12-14, SODIUM SALT - CAS: 68891-38-3

a) acute toxicity:

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Source: OECD 402

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 401

b) skin corrosion/irritation:

Test: Skin Irritant - Route: Skin - Species: Rabbit Positive - Source: OECD 404

c) serious eye damage/irritation:

- Test: Eye Corrosive - Species: Rabbit Positive - Source: OECD 405
- d) respiratory or skin sensitisation:  
Test: Skin or Resp. Sensitization Negative - Source: OECD 406
- e) germ cell mutagenicity:  
Test: Mutagenesis Negative - Source: Ames Test
- 2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Mouse = 2410 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit = 2764 mg/kg  
Test: LC50 - Route: Inhalation Vapour - Species: Rat > 29 ppm - Duration: 2h
- b) skin corrosion/irritation:  
Test: Skin Irritant No - Source: OECD 404
- c) serious eye damage/irritation:  
Test: Eye Irritant Yes - Source: OECD 405
- d) respiratory or skin sensitisation:  
Test: Skin or Resp. Sensitization Negative
- e) germ cell mutagenicity:  
Test: Mutagenesis Negative
- f) carcinogenicity:  
Test: Carcinogenicity Negative
- g) reproductive toxicity:  
Test: Reproductive Toxicity Negative
- 2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5  
LD50 (RAT) ORAL: 6560 MG/KG  
LD50 (RABBIT) SKIN: 4120 MG/KG

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

#### EMULSIO DETERGENTE IGIENIZZANTE PARQUET

Not classified for environmental hazards

Based on available data, the classification criteria are not met

#### ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Notes: Brachydanio rerio

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae > 10 mg/l - Notes: Scenedesmus subspicatus

Endpoint: EC0 - Species: Microorganisms / Effect on activated sludge: > 100 mg/l -

Notes: Pseudomonas putida

##### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1 mg/l - Notes: Pseudomonas putida

Endpoint: NOEC - Species: Daphnia > 1 mg/l - Notes: Daphnia magna

#### ALKYL ETHER SULFATE C12-14, SODIUM SALT - CAS: 68891-38-3

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 10 mg/l - Notes: Leuciscus idus

Endpoint: EC50 - Species: Daphnia > 10 mg/l - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae > 100 mg/l - Notes: Scenedesmus subspicatus

##### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1 mg/l - Notes: Leuciscus idus

Endpoint: NOEC - Species: Daphnia > 0.1 mg/l - Notes: Daphnia magna

##### c) Bacteria toxicity:



Endpoint: EC0 - Species: Microorganisms / Effect on activated sludge: > 100 mg/l -

Notes: Pseudomonas putida

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1300 mg/l - Duration h: 96 - Notes: Lepomis macrochirus

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus

Endpoint: EC10 - Species: Microorganisms / Effect on activated sludge: > 1995 mg/l - Duration h: 0.5

#### 12.2. Persistence and degradability

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

ALKYL POLYGLUCOSIDE - CAS: 68515-73-1

Biodegradability: Readily biodegradable - Duration: 28 days - %: 99

ALKYL ETHER SULFATE C12-14, SODIUM SALT - CAS: 68891-38-3

Biodegradability: Readily biodegradable

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Biodegradability: Readily biodegradable - Test: OECD 301C - Duration: 28 days - %: 80-90

The surfactant(s) contained in this preparation complies with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents. All supporting data are kept available to the competent authorities of the Member States and will be provided to those authorities if they so request or at the request of a detergent manufacturer.

#### 12.3. Bioaccumulative potential

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Bioaccumulation: Not bioaccumulative - Test: Kow - Partition coefficient 0.56

#### 12.4. Mobility in soil

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

Not applicable

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

vPvB Substances: None - PBT Substances: None

#### 12.6. Other adverse effects

Until the revision date of this document, unknown adverse effects and symptoms towards the environment.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force. Do not discharge into the ground or into drains.

See also section 6.

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### SECTION 14: Transport information

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- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
Not applicable
- 14.3. Transport hazard class(es)  
Not applicable
- 14.4. Packing group  
Not applicable
- 14.5. Environmental hazards  
ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No
- 14.6. Special precautions for user  
Not applicable
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
Not applicable

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**SECTION 15: Regulatory information**

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Dir. 98/24/EC (Risks related to chemical agents at work)
  - Dir. 2000/39/EC (Occupational exposure limit values)
  - Regulation (EC) n. 1907/2006 (REACH)
  - Regulation (EC) n. 1272/2008 (CLP)
  - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
  - Regulation (EU) 2015/830
  - Regulation (EU) n. 286/2011 (ATP 2 CLP)
  - Regulation (EU) n. 618/2012 (ATP 3 CLP)
  - Regulation (EU) n. 487/2013 (ATP 4 CLP)
  - Regulation (EU) n. 944/2013 (ATP 5 CLP)
  - Regulation (EU) n. 605/2014 (ATP 6 CLP)
  - Regulation (EU) n. 2015/1221 (ATP 7 CLP)
  - Regulation (EU) n. 2016/918 (ATP 8 CLP)
  - Regulation (EU) n. 2016/1179 (ATP 9 CLP)
  - Regulation (EU) n. 2017/776 (ATP 10 CLP)
  - Regulation (EU) n. 2018/699 (ATP 11 CLP)
  - Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:  
None

Where applicable, refer to the following regulatory provisions :

- Directive 2012/18/EU (Seveso III)
- Regulation (EC) nr 648/2004 (detergents).
- Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

- Seveso III category according to Annex 1, part 1
- None

15.2. Chemical safety assessment

No, for instructions on safe mangling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

A Chemical Safety Assessment has been carried out for the mixture.

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

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### SECTION 16: Other information

Full text of phrases referred to in Section 3:

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2015/830.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EC0/10/20/50/100:	Effective concentration, for 0/10/20/50/100 percent of test population.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC0/10/20/50/100:	Lethal concentration, for 0/10/20/50/100 percent of test population.
LD0/10/20/50/100:	Lethal dose, for 0/10/20/50/100 percent of test population.



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NOEC:	No Observed Effect Concentration
NOAEL(R)/N	No Observed Adverse Effect Level(Repeated)/Concentration
OAEC:	
OECD:	Organisation for Economic Co-operation and Development
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.