

**Safety Data Sheet**  
**OXIPUR ECOPOWDER ECOLABEL**

Safety Data Sheet dated 29/11/2019, 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: OXIPUR ECOPOWDER ECOLABEL
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended use:  
Detergent for washing machines.  
Professional use (SU22) - 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)  
 Danger, Eye Dam. 1, Causes serious eye damage.

Adverse physicochemical, human health and environmental effects:  
No other hazards

- 2.2. Label elements  
Hazard pictograms:



- Danger  
Hazard statements:  
H318 Causes serious eye damage.  
Precautionary statements:  
P280 Wear eye 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 or doctor/physician.  
Special Provisions:  
EUH210 Only for professional use. Safety data sheet available on request.  
Contains  
SILICIC ACID, SODIUM SALT  
SULFURIC ACID, C12-14 MONOALKYL ESTERS, SODIUM SALTS  
SODIUM PERCARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3)  
ALCOHOLS, C12-13-BRANCHED AND LINEAR, ETHOXYLATED (> 5-10 EO)  
Product contents:

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oxygen-based bleaching agents 5 - 15 %  
phosphonates, soap, zeolites, anionic surfactants, < 5 %  
polycarboxylates, non-ionic surfactants

The product also contains: Enzymes, Perfumes, Optical bleaches

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

#### 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:

>= 20% - < 25% SODIUM CARBONATE

REACH No.: 01-2119485498-19, Index number: 011-005-00-2, CAS: 497-19-8, EC:  
207-838-8



3.3/2 Eye Irrit. 2 H319

>= 5% - < 7% SODIUM PERCARBONATE, COMPOUND WITH HYDROGEN PEROXIDE  
(2:3)

REACH No.: 01-2119457268-30, CAS: 15630-89-4, EC: 239-707-6



2.14/3 Ox. Sol. 3 H272



3.1/4/Oral Acute Tox. 4 H302



3.3/1 Eye Dam. 1 H318

>= 3% - < 5% SULFURIC ACID, C12-14 MONOALKYL ESTERS, SODIUM SALTS

REACH No.: 01-2119489463-28, CAS: 85586-07-8, EC: 287-809-4



3.1/4/Oral Acute Tox. 4 H302



3.3/1 Eye Dam. 1 H318



3.2/2 Skin Irrit. 2 H315

4.1/C3 Aquatic Chronic 3 H412

>= 3% - < 5% SILICIC ACID, SODIUM SALT

REACH No.: 01-2119448725-31, CAS: 1344-09-8, EC: 215-687-4



3.2/2 Skin Irrit. 2 H315




3.3/1 Eye Dam. 1 H318

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 3.8/3 STOT SE 3 H335

>= 1% - < 3% ALCOHOLS, C12-13-BRANCHED AND LINEAR, ETHOXYLATED (> 5-10 EO)  
REACH No.: 01-2119490233-42, CAS: 160901-19-9, EC: 931-954-4

 3.1/4/Oral Acute Tox. 4 H302

4.1/C3 Aquatic Chronic 3 H412

 3.3/1 Eye Dam. 1 H318

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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. OBTAIN IMMEDIATE MEDICAL ATTENTION.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

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

Acute effects:

Skin and eye irritation for contact

Irritation interior system if swallowed.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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:

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

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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

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 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.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### 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.

See section 10.

Instructions as regards storage premises:

Adequately ventilated premises.

### 7.3. Specific end use(s)

None in particular, see paragraph 1.2

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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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.

SODIUM CARBONATE - CAS: 497-19-8

ACGIH - TWA: 10 mg/m<sup>3</sup>

#### 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.

SODIUM CARBONATE - CAS: 497-19-8

Worker Industry: 10 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 10 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

SODIUM PERCARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3) - CAS: 15630-89-4

Worker Industry: 5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 12.8 mg/cm<sup>2</sup> mg/cm<sup>2</sup> - Exposure: Human Dermal - Frequency: Long Term, local effects

Worker Industry: 12.8 mg/cm<sup>2</sup> - Consumer: 6.4 mg/cm<sup>2</sup> - Exposure: Human Dermal - Frequency: Short Term, local effects

Consumer: 6.4 mg/cm<sup>2</sup> - Exposure: Human Dermal - Frequency: Long Term, local effects

SULFURIC ACID, C12-14 MONOALKYL ESTERS, SODIUM SALTS - CAS: 85586-07-8

Worker Industry: 285 mg/m<sup>3</sup> - Consumer: 85 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Notes: ECHA

Worker Industry: 4060 mg/kg - Consumer: 2440 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/d ECHA

Consumer: 24 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: bw/d ECHA

SILICIC ACID, SODIUM SALT - CAS: 1344-09-8

Worker Professional: 1.59 mg/kg - Consumer: 0.8 mg/kg - Exposure: Human Dermal - Frequency: Long Term, local effects

Worker Professional: 5.61 mg/m<sup>3</sup> - Consumer: 1.38 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Consumer: 0.8 mg/kg - Exposure: Human Oral - Frequency: Long Term, local 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.

SODIUM PERCARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3) - CAS: 15630-89-4

Target: Marine water - Value: 0.035 mg/l

Target: Fresh Water - Value: 0.035 mg/l

Target: Air - Value: 0.035 mg/l

Target: Microorganisms in sewage treatments - Value: 16.24 mg/l

SULFURIC ACID, C12-14 MONOALKYL ESTERS, SODIUM SALTS - CAS: 85586-07-8

Target: Fresh Water - Value: 0.102 mg/l

Target: Marine water - Value: 0.0102 mg/l

Target: Air - Value: 0.036 mg/l

Target: Microorganisms in sewage treatments - Value: 1084 mg/l

Target: Freshwater sediments - Value: 3.58 mg/kg

Target: Marine water sediments - Value: 0.358 mg/kg

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

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SILICIC ACID, SODIUM SALT - CAS: 1344-09-8

Target: Fresh Water - Value: 7.5 mg/l

Target: Marine water - Value: 1 mg/l

Target: Microorganisms in sewage treatments - Value: 348 mg/l

#### 8.2. Exposure controls

##### Eye protection:

Use close fitting safety goggles, don't use eye lens.(EN 166)

##### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton (EN 14605 in case of splashes or EN 13982 in case of dust)

##### Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. (ex. EN 388 - EN 374 protection factor 6, corresponding to a breakthrough time >480 minutes).

Due to great diversity of types, observe the operating instructions of the manufacturer with respect to substances listed in paragraph 3.2.

##### 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:

The product is not dangerous for the environment - see section 2.1.

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

##### 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:	Granular powder, white	Visual	--
Odour:	Floral	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	11,1 +/- 0,5 (sol.1%)	Instrumental control	--
Melting point / freezing point:	Not Relevant	--	Parameter not relevant for the type of product
Initial boiling point and boiling range:	Not Relevant	--	Parameter not relevant for the type of product
Flash point:	Not Relevant	--	Parameter not relevant for the type of product
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

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Vapour pressure:	Not Relevant	--	Parameter not relevant for the type of product
Vapour density:	Not Relevant	--	Parameter not relevant for the type of product
Relative density:	Not Relevant	--	Parameter not relevant for the type of product
Solubility in water:	Total	--	Estimated value on chemical / physical properties of components
Solubility in oil:	Not Relevant	--	Parameter not relevant for the type of product
Partition coefficient (n-octanol/water):	Not Relevant	--	Parameter not relevant for the type of product
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:	Not Relevant	--	Parameter not relevant for the type of product
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

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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.

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## SECTION 11: Toxicological information

### 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

The product is classified: Eye Dam. 1 H318

#### 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.

SODIUM CARBONATE - CAS: 497-19-8

#### a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2800 mg/kg

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

Test: LC50 - Route: Inhalation - Species: Rat = 2.3 mg/l - Duration: 2h

SODIUM PERCARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3) - CAS: 15630-89-4

#### a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 893 mg/kg

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

SULFURIC ACID, C12-14 MONOALKYL ESTERS, SODIUM SALTS - CAS: 85586-07-8

#### a) acute toxicity:



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- Test: LD50 - Route: Oral - Species: Rat > 500 mg/kg  
Test: LD50 - Route: Skin - Species: Rat > 500 mg/kg  
SILICIC ACID, SODIUM SALT - CAS: 1344-09-8
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 3400 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat > 2.6 g/m<sup>3</sup>  
Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg
- ALCOHOLS, C12-13-BRANCHED AND LINEAR, ETHOXYLATED (> 5-10 EO) - CAS: 160901-19-9
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 300 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
- b) skin corrosion/irritation:  
Test: Skin Irritant Negative
- c) serious eye damage/irritation:  
Test: Eye Corrosive Positive
- 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: NOAEL - Route: Oral > 50 mg/kg bw/d

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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.

#### OXIPUR ECOPOWDER ECOLABEL

Not classified for environmental hazards

Based on available data, the classification criteria are not met

#### SODIUM CARBONATE - CAS: 497-19-8

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 300 mg/l - Duration h: 96 - Notes: Lepomis macrochirus

Endpoint: EC50 - Species: Daphnia = 200 mg/l - Duration h: 48 - Notes: Ceriodaphnia dubia

#### SODIUM PERCARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3) - CAS: 15630-89-4

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 70.7 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia = 4.9 mg/l - Duration h: 48

##### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 2 mg/kg bw/d

#### SULFURIC ACID, C12-14 MONOALKYL ESTERS, SODIUM SALTS - CAS: 85586-07-8

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 3.6 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 2.8 mg/l - Duration h: 48

##### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 1.8 mg/l - Duration h: 96

Endpoint: NOEC - Species: Daphnia = 0.14 mg/l - Duration h: 504

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### OXIPUR ECOPOWDER ECOLABEL

SILICIC ACID, SODIUM SALT - CAS: 1344-09-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1108 mg/l - Duration h: 96 - Notes: Brachydanio rerio

Endpoint: LC50 - Species: Fish = 260 mg/l - Duration h: 96 - Notes: Oncorhynchus

mykiss

Endpoint: EC50 - Species: Algae = 207 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus

ALCOHOLS, C12-13-BRANCHED AND LINEAR, ETHOXYLATED (> 5-10 EO) - CAS: 160901-19-9

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Fish > 1 mg/l - Duration h: 96 - Notes: Cyprinus carpio

Endpoint: EC50 - Species: Daphnia > 1 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae > 1 mg/l - Duration h: 72 - Notes: Desmodesmus subspicatus

c) Bacteria toxicity:

Endpoint: EC50 - Species: Microorganisms / Effect on activated sludge: = 140 mg/l

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.

ALCOHOLS, C12-13-BRANCHED AND LINEAR, ETHOXYLATED (> 5-10 EO) - CAS: 160901-19-9

Biodegradability: Readily biodegradable - Test: OECD 301B - Duration: 28 days - %: >60

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.

Not applicable

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. Send to authorised disposal plants or for incineration under controlled conditions. 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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### OXIPUR ECOPOWDER ECOLABEL

- 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)
- 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 handling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.  
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

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Full text of phrases referred to in Section 3:

- H319 Causes serious eye irritation.
- H272 May intensify fire; oxidiser.
- H302 Harmful if swallowed.
- H318 Causes serious eye damage.
- H315 Causes skin irritation.
- H412 Harmful to aquatic life with long lasting effects.
- H335 May cause respiratory irritation.

Hazard class and hazard category	Code	Description
Ox. Sol. 3	2.14/3	Oxidising solid, Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
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
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

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

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Eye Dam. 1, H318	Calculation method

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.
- 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).



## Safety Data Sheet

### OXIPUR ECOPOWDER ECOLABEL

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.
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.



**Safety Data Sheet**  
**OXIPUR ECOPOWDER ECOLABEL**

ANNEX I  
PROFESSIONAL PRODUCT – LAUNDRY or AUTOMATIC DISHWASH DETERGENT

<b>Title of exposure scenario</b>	
Detergent for general cleaning: Manual or machine process.	
<b>Use description</b>	
Sector Use	SU22 – Professional use
Product Category	PC35 – Washing and cleaning products (including solvent based products)
<b>Description of activities/process considered on exposure scenario.</b>	
Use the recommended dose according to water hardness and degree of soiling, following the instructions on the label or technical data sheet.	
<b>Frequency and duration</b>	
Use phase	1 or more times a day. Duration depends on washing program.
Relevant limit values of ingredients, if available, are stated in section 8 of the SDS.	
<b>Physical appearance and concentration</b>	
Liquid or powder. To dilute.	
In section 2 of the SDS of product and on the label the classification of mixture is provided.	
Mixture classification is based on ingredients classification and on chemical/physical properties stated in section 9 of the SDS of product.	
<b>Use conditions</b>	
Room temperature /for recommended washing temperature see label or tecnica sheet.	
<b>Protezione</b>	
See section 8 of the SDS of product to more information on PPE.	Training of worker to use and maintenance of PPE is supposed.
Don't eat or drink, don't smoke.	Avoid contact with damaged skin.
No open flame.	Do not use in combination with other products
Wash hand after use.	
In case of accidental release: dilute with water and dry.	
Follow use instruction as specified on the label or on technical sheet. Use good occupational hygiene practices as specified in section 7 on the SDS.	
<b>Environmental measures</b>	
See section 6 of the SDS in case of accidental release	
See section 12 of the SDS for ecotoxicological information of mixture and dangerous ingredients.	
See section 13 of the SDS for disposal considerations.	

Note:

SDS: Safety Data Sheet

PPE: Personal Protection Equipment