

Safety Data Sheet OXIPUR POWDER


Safety Data Sheet dated 31/7/2014, version 1

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

- 1.1. Product identifier
Mixture identification
Trade name: OXIPUR POWDER
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Detergent for washing machines.
- 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

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture
Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:
Properties / Symbols:
☒ Xi Irritant
- R Phrases:
R36 Irritating to eyes.
- EC regulation criteria 1272/2008 (CLP)
⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- Adverse physicochemical, human health and environmental effects:
No other hazards
- 2.2. Label elements
Symbols:

- Warning
- Hazard statements:
H319 Causes serious eye irritation.
- Precautionary statements:
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
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.
P337+P313 If eye irritation persists: Get medical advice/attention.
- Special Provisions:
None

Product contents:

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

The product also contains: Perfumes

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

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

> 10% - <= 20% SODIUM CARBONATE

REACH No.: 01-2119485498-19, Index number: 011-005-00-2, CAS: 497-19-8, EC: 207-838-8
Xi; R36

⚠ 3.3/2 Eye Irrit. 2 H319

> 5% - <= 10% SODIUM PERCARBONATE

CAS: 15630-89-4

O,Xn,Xi; R8-22-41

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.3/1 Eye Dam. 1 H318

> 1% - <= 5% SODIUM SILICATE

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

Xi; R37/38-41

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.3/1 Eye Dam. 1 H318

⚠ 3.8/3 STOT SE 3 H335

> 1% - <= 5% BENZENESULFONIC ACID, C10-13-ALKYL DERIVATIVES, SODIUM SALTS

REACH No.: 01-2119489428-22, CAS: 68411-30-3, EC: 270-115-0

Xn,Xi; R22-38-41

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.3/1 Eye Dam. 1 H318

> 0,1% - <= 1% ALCOHOLS, C12-13-BRANCHED AND LINEAR, ETHOXYLATED (> 5-10 EO)

CAS: 160901-19-9, EC: 931-954-4

Xn,Xi; R22-41

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.3/1 Eye Dam. 1 H318

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.

Wash thoroughly the body (shower or bath).

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Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

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

None

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:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

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.

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.

6.4. Reference to other sections

See also section 8 and 13

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

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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.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

SODIUM SILICATE - 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/m³ - Consumer: 1.38 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

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

BENZENESULFONIC ACID, C10-13-ALKYL DERIVATIVES, SODIUM SALTS - CAS: 68411-30-3

Worker Professional: 170 mg/kg - Consumer: 85 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 12 mg/m³ - Consumer: 3 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 0.85 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Professional: 12 mg/m³ - Consumer: 3 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

PNEC Exposure Limit Values

SODIUM SILICATE - 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

BENZENESULFONIC ACID, C10-13-ALKYL DERIVATIVES, SODIUM SALTS - CAS: 68411-30-3

Target: Marine water - Value: 0.0268 mg/l

Target: Fresh Water - Value: 0.268 mg/l

Target: Marine water sediments - Value: 8.1 mg/kg

Target: Freshwater sediments - Value: 8.1 mg/kg

Target: Microorganisms in sewage treatments - Value: 3.43 mg/l

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

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None
Environmental exposure controls:
None

SECTION 9: Physical and chemical properties

- 9.1. Information on basic physical and chemical properties
- | | |
|---|------------------------|
| Appearance and colour: | Granular powder, white |
| Odour: | Floral |
| Odour threshold: | Evident |
| pH: | (5%) 10,5 +/- 0,4 |
| Melting point / freezing point: | N.A. |
| Initial boiling point and boiling range: | N.A. |
| Solid/gas flammability: | N.A. |
| Upper/lower flammability or explosive limits: | N.A. |
| Vapour density: | N.A. |
| Flash point: | > 65 ° C |
| Evaporation rate: | N.A. |
| Vapour pressure: | N.A. |
| Relative density: | 750 g/l |
| Solubility in water: | Total |
| Solubility in oil: | Partial |
| Partition coefficient (n-octanol/water): | < 1000 |
| Auto-ignition temperature: | N.A. |
| Decomposition temperature: | N.A. |
| Viscosity: | N.A. |
| Explosive properties: | N.A. |
| Oxidizing properties: | N.A. |
- 9.2. Other information
- | | |
|--------------------------------------|--------------|
| Miscibility: | N.A. |
| Fat Solubility: | N.A. |
| Conductivity: | N.A. |
| Substance Groups relevant properties | Not Relevant |

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
Stable under normal conditions
- 10.3. Possibility of hazardous reactions
None
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
None in particular.
- 10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
- Toxicological information of the mixture:
N.A.
- Toxicological information of the main substances found in the mixture:
SODIUM CARBONATE - CAS: 497-19-8
- a) acute toxicity:
- | | |
|--|--------------|
| Test: LD50 - Route: Oral - Species: Rat | > 2000 mg/kg |
| Test: LD50 - Route: Skin - Species: Rabbit | > 2000 mg/kg |

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Test: LC50 - Route: Inhalation - Species: Rat = 2.3 mg/l - Duration: 2h
SODIUM SILICATE - 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/m³
Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg

BENZENESULFONIC ACID, C10-13-ALKYL DERIVATIVES, SODIUM SALTS - CAS:
68411-30-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 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

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

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 SILICATE - 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*

12.2. Persistence and degradability

None

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects



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None

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.

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

SECTION 15: Regulatory information

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)

Dir. 99/45/EC (Classification, packaging and labelling of dangerous preparations)

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Dir. 2006/8/EC

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) n. 453/2010 (Annex I)

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 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 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of phrases referred to in Section 3:

R22 Harmful if swallowed.

R36 Irritating to eyes.

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R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R8 Contact with combustible material may cause fire.

H319 Causes serious eye irritation.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H315 Causes skin irritation.
H335 May cause respiratory irritation.

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

CCNL - Appendix 1

Insert further consulted bibliography

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.
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.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.