



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

1.1 Product identifier

Trade name: Sauerstoffbleiche

UFI: 4J10-G0EN-A00N-RGSY

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

Application of the substance / the mixture

Detergent booster for white laundry and colourfast colored laundry.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Uni Sapon GmbH

Industriepark Runa

Albert-Schädler-Straße 7

A-6800 Feldkirch

T: +43 5522 23440

Email: office@uni-sapon.com

Further information obtainable from:

Marion Reichart

Email: marion@uni-sapon.com

1.4 Emergency telephone number:

+43 5522 23440

Available during office hours:

Mo - Th: 08.00 - 12.00 h und 13.30 - 16.30 h

Fr: 08.00 - 12.00 h

Call the national emergency number!

* **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute Tox. 4 H302 Harmful if swallowed.

Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05



GHS07

Signal word Danger

(Contd. on page 2)



Trade name: Sauerstoffbleiche

(Contd. of page 1)

Hazard-determining components of labelling:

disodium carbonate, compound with hydrogenperoxide (2:3)

Hazard statements

H302 Harmful if swallowed.

H318 Causes serious eye damage.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear eye protection / face protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

Inorganic product. The criteria of the PBT assessment according to REACH are not applicable for inorganic substances.

vPvB:

Inorganic product. The criteria of the vPvB assessment according to REACH are not applicable for inorganic substances.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below.

Dangerous components:

CAS: 497-19-8	sodium carbonate	50 – 65%
EINECS: 207-838-8	☠ Eye Irrit. 2, H319	
Index number: 011-005-00-2		
Reg.nr.: 01-2119485498-19-XXXX		

CAS: 15630-89-4	disodium carbonate, compound with hydrogenperoxide (2:3)	35 – < 45%
EINECS: 239-707-6	☠ Ox. Sol. 3, H272	
	☠ Eye Dam. 1, H318	
	☠ Acute Tox. 4, H302	
	Specific concentration limits:	
	Eye Dam. 1; H318: C ≥ 25 %	
	Eye Irrit. 2; H319: 7.5 % ≤ C < 25 %	

Regulation (EC) No 648/2004 on detergents / Labelling for contents

oxygen-based bleaching agents

≥30%

(Contd. on page 3)



Trade name: Sauerstoffbleiche

(Contd. of page 2)

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of discomfort or doubt, seek medical advice.

If unconscious, use a stable lateral position and do not administer anything through mouth.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Take off immediately all contaminated clothing and wash it before reuse.

Seek medical treatment in case of complaints.

After eye contact:

Rinse opened eye for several minutes under running water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Consult an ophthalmologist or eye clinic immediately.

After swallowing:

Do NOT induce vomiting.

Rinse out mouth and then drink plenty of water.

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Depending on the condition of the patients, the doctor must assess the symptoms and the overall general condition.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

CO_x

Nitrogen oxides (NO_x)

metal oxide/oxides

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Cool endangered receptacles with water spray.

(Contd. on page 4)



Trade name: Sauerstoffbleiche

(Contd. of page 3)

Collect contaminated fire fighting water separately. It must not enter the sewage system.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Restricted access to the affected area until cleaning work is completed.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Avoid contact with skin and eyes.

Do not breathe dust.

Avoid formation of dust.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Avoid formation of dust.

Ensure adequate ventilation.

Dispose of in well sealable containers.

Do not seal receptacle gas tight.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Avoid contact with skin and eyes.

Prevent formation of dust.

Do not breathe dust.

Eye wash bottles and emergency showers should be provided in the immediate area near the workplace.

Use personal protective equipment as required.

Observe protective measures and safety instructions.

Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a dry, cool, well-ventilated area.

Store in accordance with local/regional/national/international regulations.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from flammable substances.

Further information about storage conditions:

Keep container tightly sealed.

Do not seal receptacle gas tight.

(Contd. on page 5)



Trade name: Sauerstoffbleiche

(Contd. of page 4)

Protect from heat and direct sunlight.
Protect from moisture.
Store receptacle in a well ventilated area.
Store in a cool place.

Recommended storage temperature: room temperature

Storage class: 11

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

Technical measures and the use of suitable working methods take priority over the use of personal protective equipment.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 497-19-8 sodium carbonate

Inhalative Long-term exposure - local effects 10 mg/m³ (workers)
short-term exposure - local effects 10 mg/m³ (consumer)

PNECs No data available.

Additional Occupational Exposure Limit Values for possible hazards during processing:

The national dust limits must be observed in the event of dust generation.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Do not eat or drink while working.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Immediately remove all soiled and contaminated clothing
Prevent formation of dust.
Do not breathe dust.

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye wash bottles and emergency showers should be provided in the immediate area near the workplace.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

(Contd. on page 6)



Trade name: Sauerstoffbleiche

(Contd. of page 5)

Protection of hands:



Protective gloves

EN 374

Material of gloves

Rubber gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

EN 166

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment

Do not allow to enter sewers/ surface or ground water.

*** SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Granulate
Colour:	White
Odour:	Odourless
Odour threshold:	No information available.
pH-value:	Not applicable.

Change in condition

Melting point/freezing point:	No information available.
Initial boiling point and boiling range:	No information available.

Flash point: Not applicable.

Flammability (solid, gas): Not determined.

Decomposition temperature: No information available.

(Contd. on page 7)



Trade name: Sauerstoffbleiche

(Contd. of page 6)

Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	No information available.
Upper:	No information available.
Oxidising properties	Not oxidizing. According to test method UN 0.1 "Oxidizing properties": negative
Vapour pressure:	Not applicable.
Density:	No information available.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with water:	Soluble.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
9.2 Other information	No further relevant information available.

* **SECTION 10: Stability and reactivity**

10.1 Reactivity No hazardous reactions known if stored and used as prescribed.

10.2 Chemical stability No further relevant information available.

10.3 Possibility of hazardous reactions In contact with moisture: Exothermic decomposition.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Protect from moisture.

10.5 Incompatible materials:

Keep water, acids, bases, reducing agents, combustible materials, metal, away from metal salts

10.6 Hazardous decomposition products: Sodium compounds, hydrogen peroxide, oxygen.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Harmful if swallowed.

LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 1,163 mg/kg

(Contd. on page 8)



Trade name: Sauerstoffbleiche

(Contd. of page 7)

CAS: 497-19-8 sodium carbonate

Oral LD50 4,090 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

For inorganic substances/products, the methods for determining biodegradability are not applicable.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT:

Inorganic product. The criteria of the PBT assessment according to REACH are not applicable for inorganic substances.

vPvB:

Inorganic product. The criteria of the vPvB assessment according to REACH are not applicable for inorganic substances.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Only dispose of product residues via authorised companies according to local legislation.

European waste catalogue

Notes: The European Waste Catalogue (EWC) classifies waste materials and categorises them according to what they are and how they were produced. This may cause other classifications. The final decision belongs to the last user.

(Contd. on page 9)



Trade name: Sauerstoffbleiche

(Contd. of page 8)

20 01 29* detergents containing hazardous substances

Uncleaned packaging:

Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN-Number

ADR/RID/ADN, IMDG, IATA not regulated

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA not regulated

14.3 Transport hazard class(es)

ADR/RID/ADN, ADN, IMDG, IATA

Class not regulated

14.4 Packing group

ADR/RID/ADN, IMDG, IATA not regulated

14.5 Environmental hazards:

Not applicable.

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.

UN "Model Regulation":

not regulated

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

National regulations:

Information about limitation of use: Employment restrictions concerning juveniles must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H272 May intensify fire; oxidiser.

(Contd. on page 10)



Trade name: Sauerstoffbleiche

(Contd. of page 9)

H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

Training hints

Regular training of staff involved in the transport of dangerous goods (in accordance with Chapter 1.3 ADR).

Before handling, storage or use for the first time, employees must be informed about the properties of the substance and about measures taken to ensure safety and environmental protection.

Classification according to Regulation (EC) No 1272/2008

Acute toxicity - oral The classification of the mixture is generally based on the calculation
Serious eye damage/eye irritation method using substance data according to Regulation (EC) No
1272/2008.

Department issuing SDS:

UmEnA GmbH
<http://umena.at>

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Ox. Sol. 3: Oxidizing solids – Category 3
Acute Tox. 4: Acute toxicity - oral – Category 4
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

* **Data compared to the previous version altered.**