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

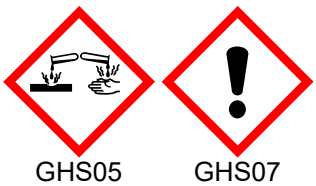
Acute Tox. 4 H302 Harmful if swallowed.

Eye Dam. 1 H318 Causes serious eye damage.

Additional information: For the wording of the hazard categories, see section 16.

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

(Contd. on page 2)

(Contd. of page 1)

Signal word Danger

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.
Determination of endocrine-disrupting properties
The product does not contain substances with endocrine-disrupting properties ≥ 0.1 %(w/w).

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below.

Dangerous components:		
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2 Reg.nr.: 01-2119485498-19-XXXX	sodium carbonate Eye Irrit. 2, H319	50 – 65%
CAS: 15630-89-4 EINECS: 239-707-6	disodium carbonate, compound with hydrogenperoxide (2:3) Ox. Sol. 3, H272 Eye Dam. 1, H318 Acute Tox. 4, H302 ATE: LD50 oral: 500 mg/kg Specific concentration limits: Eye Dam. 1; H318: C ≥ 25% Eye Irrit. 2; H319: 7.5 % ≤ C < 25 %	35 – < 45%

(Contd. on page 3)

(Contd. of page 2)

Regulation (EC) No 648/2004 on detergents / Labelling for contents	
oxygen-based bleaching agents	≥30%

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:
Rinse out mouth and then drink plenty of water.
Do NOT induce vomiting.
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:
COx
Nitrogen oxides (NOx)
Metal Oxides/Oxides
5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.

(Contd. on page 4)

(Contd. of page 3)

Wear fully protective suit.
Additional information
Cool endangered receptacles with water spray.
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.

(Contd. on page 5)

(Contd. of page 4)

Store away from flammable substances.
Further information about storage conditions:
Keep container tightly sealed.
Do not seal receptacle gas tight.
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

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)
CAS: 15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)		
Dermal	Long-term exposure - local effects	6.4 mg/cm² (consumer)
		12.8 mg/cm² (workers)
	short-term exposure - local effects	6.4 mg/cm² (consumer)
		12.8 mg/cm² (workers)
Inhalative	Long-term exposure - local effects	5 mg/m³ (workers)

PNECs	
CAS: 15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)	
fresh water	0.035 mg/l
sea water	0.035 mg/l
intermittent release (fresh water)	0.035 mg/l
STP	16.24 mg/l

Regulatory information
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
Appropriate engineering controls
No further data; see section 7.

(Contd. on page 6)

(Contd. of page 5)

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

Individual protection measures, such as 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.

Hand protection

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/face protection

Tightly sealed goggles

EN 166

Body protection: Protective work clothing

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

(Contd. on page 7)

(Contd. of page 6)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state	Solid
Colour:	White
Odour:	Odourless
Odour threshold:	No information available.
Melting point/freezing point:	No information available.
Boiling point or initial boiling point and boiling range	No information available.
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	No information available.
Upper:	No information available.
Flash point:	Not applicable.
Decomposition temperature:	No information available.
pH	Not applicable.
Viscosity:	
Kinematic viscosity	Not applicable.
Dynamic:	Not applicable.
Solubility	
water:	Soluble.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not applicable.
Density and/or relative density	
Density:	No information available.
Vapour density	Not applicable.
Particle characteristics	

See section 3.

9.2 Other information

Appearance:	
Form:	Granulate
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	
Softening point/range	
Oxidising properties	Not oxidising. According to test method UN 0.1 "Oxidizing properties": negative
Evaporation rate	Not applicable.

(Contd. on page 8)

(Contd. of page 7)

Information with regard to physical hazard classes	
Explosives	void
Flammable gases	void
Aerosols	void
Oxidising gases	void
Gases under pressure	void
Flammable liquids	void
Flammable solids	void
Self-reactive substances and mixtures	void
Pyrophoric liquids	void
Pyrophoric solids	void
Self-heating substances and mixtures	void
Substances and mixtures, which emit flammable gases in contact with water	void
Oxidising liquids	void
Oxidising solids	void
Organic peroxides	void
Corrosive to metals	void
Desensitised explosives	void

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.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity
Harmful if swallowed.

LD/LC50 values relevant for classification:		
ATE (Acute Toxicity Estimates)		
Oral	LD50	1,163 mg/kg

CAS: 497-19-8 sodium carbonate		
Oral	LD50	2,800 mg/kg (rat)

(Contd. on page 9)

(Contd. of page 8)

CAS: 15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)		
Oral	LD50	500 mg/kg (ATEmix)
		1,034 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (Rabbit)

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.
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.
11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

*
SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:	
CAS: 497-19-8 sodium carbonate	
LC50 (96 h)	300 mg/l (fish)
CAS: 15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)	
EC50 (48 h)	4.9 mg/l (daphnia) (Daphnia pulex)
LC50 (96 h)	70.7 mg/l (fish) (Pimephales promelas)
NOEC (96 h)	7.4 mg/l (fish) (Pimephales promelas)
NOEC (48 h)	2 mg/l (daphnia) (Daphnia pulex)

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.
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 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.

(Contd. on page 10)

(Contd. of page 9)

12.7 Other adverse effects
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.

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.

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 or ID 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 Maritime transport in bulk according to IMO instruments Not applicable.
UN "Model Regulation": not regulated

(Contd. on page 11)

(Contd. of page 10)

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.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
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.
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 Serious eye damage/irritation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

(Contd. on page 12)

(Contd. of page 11)

Department issuing SDS:
UmEnA GmbH
http://umena.at
Email: office@umena.at
Date of previous version: 16.03.2023
Version number of previous version: 2.3
Abbreviations and acronyms:
ADR: Accord relatif au transport international 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
ATE: Acute toxicity estimate values
Ox. Sol. 3: Oxidizing solids – Category 3
Acute Tox. 4: Acute toxicity – 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.**