SUPERTAB

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 6/7/2021
Revision date: 4/15/2024 Supersedes version of: 6/7/2021 Version: 1.1

SECTION 1
IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product form:	Mixture
Product name:	SuperTab
UFI:	7QH5-202K-A009-PJWN
Product group:	Trade product

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

1.2.1. Relevant identified uses

Main use category:	Professional use
Use of the substance/mixture:	Disinfectant antiseptic

Title	Life cycle stage	Use descriptors
SuperTab	Professional	PC37

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Air-Aqua B.V.
Wethouder Ohmannstraat 1
7951 SB Staphorst
The Netherlands
Tel: +31 522 468963
E-mail: info@air-aqua.com

1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

SECTION 2
HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Oxidising Solids, Category 1	H271
Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 3	H311
Skin corrosion/irritation, Category 1, Sub-Category 1B	H314
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity - Repeated exposure, Category 2	H373

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)	 GHS03  GHS05  GHS08
Signal word (CLP):	Danger
Contains:	sodium hydrogensulphate; Sodium chlorite; Sodium percarbonate
Hazard statements (CLP):	H271 - May cause fire or explosion; strong oxidiser. H302 - Harmful if swallowed. H311 - Toxic in contact with skin. H314 - Causes severe skin burns and eye damage. H373 - May cause damage to organs through prolonged or repeated exposure.
Precautionary statements (CLP):	P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking. P260 - Do not breathe dust, mist, vapours. P280 - Wear protective gloves, eye protection, protective clothing. P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER, doctor. P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER, doctor. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements:	EUH029 - Contact with water liberates toxic gas. EUH032 - Contact with acids liberates very toxic gas. EUH071 - Corrosive to the respiratory tract.
Labelling according to:	exemption for packages of a capacity of 125ml or less
Hazard pictograms (CLP):	 GHS08
Hazardous ingredients:	sodium hydrogensulphate; Sodium chlorite; Sodium percarbonate
Labelling according to:	exemption for packages of a capacity of 125ml or less
Hazard pictograms (CLP)	 GHS03  GHS05  GHS08
Signal word (CLP):	Danger
Hazardous ingredients:	sodium hydrogensulphate; Sodium chlorite; Sodium percarbonate
Hazard statements (CLP):	H271 - May cause fire or explosion; strong oxidiser. H311 - Toxic in contact with skin. H314 - Causes severe skin burns and eye damage.
Precautionary statements (CLP):	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 - Wear protective gloves, eye protection, protective clothing. P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER, doctor. P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER, doctor. P260 - Do not breathe dust, mist, vapours. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements:	EUH029 - Contact with water liberates toxic gas. EUH032 - Contact with acids liberates very toxic gas. EUH071 - Corrosive to the respiratory tract.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Sodium chlorite (7758-19-2)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Sodium chlorite (7758-19-2)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3
COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Product name	Product identifier	% w/w (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium hydrogensulphate	CAS-No.: 7681-38-1 EG-No.: 231-665-7 EU Index No.: 016-046-00-X REACH-No.: 01-2119552465-36	30 - 50	Eye Dam. 1, H318
Sodium chlorite	CAS-No.: 7758-19-2 EG-No.: 231-836-6 REACH-No.: 01-2119529240-51	< 25	Ox. Sol. 1, H271 Acute Tox. 3 (Oraal), H301 Acute Tox. 2 (Dermaal), H310 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412
Sodium percarbonate	CAS-No.: 15630-89-4 EG-No.: 239-707-6 REACH-No.: 01-2119457268-30	1 - 5	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Silicon dioxide substance with national workplace exposure limit(s) (GB)	CAS-No.: 7631-86-9 EC-No.: 231-545-4 REACH-no: 01-2119379499-16	1 - 5	Not classified

Product name	Product identifier	Specific concentration limits (% w/w (% w/w))
Sodium percarbonate	CAS-No.: 15630-89-4 EC-No.: 239-707-6 REACH-no: 01-2119457268-30	(7.5 ≤ C < 25) Eye Irrit. 2, H319 (25 ≤ C < 100) Eye Dam. 1, H318

Full text of H- and EUH-statements: see section 16

SECTION 4
FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general:	In case of doubt or persistent symptoms, consult always a physician. If medical advice is needed, have product container or label at hand. Symptoms of poisoning may develop several hours following exposure. Victim should be under medical observation for at least 48 hours after exposure.
First-aid measures after inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER/doctor.
First-aid measures after skin contact:	Wash immediately with plenty of soap and water. Take off contaminated clothing and wash it before reuse. Immediately call a POISON CENTER/doctor.
First-aid measures after eye contact:	Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion:	If swallowed, rinse mouth with water (only if the person is conscious). Immediately call a POISON CENTER/doctor.

4.2. Belangrijkste acute en uitgestelde symptomen en effecten

Symptoms/effects after skin contact:	Burns.
Symptoms/effects after eye contact:	Serious damage to eyes.
Symptoms/effects after ingestion:	Burns.

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

Treat symptomatically.

SECTION 5
FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:	In case of fire, use powder extinguisher - Never use water.

5.2. Special hazards arising from the substance or mixture

Fire hazard:	May cause fire or explosion; strong oxidiser.
Reactivity in case of fire:	Combustion produces irritating gases.
Hazardous decomposition products in case of fire:	Hydrogen chloride. Chlorine dioxide.

5.3. Advice for firefighters

Firefighting instructions:	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection during firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6
ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures:	Ensure adequate air ventilation. Avoid dust production. Avoid breathing dust, mist or spray. Wear personal protective equipment. Keep away from sources of ignition. Keep public away from danger area.

6.1.1. For non-emergency personnel

Emergency procedures:	No open flames, no sparks, and no smoking. Do not breathe dust, vapours. Only qualified personnel equipped with suitable protective equipment may intervene. Evacuate unnecessary personnel.

6.1.2. For emergency responders

No additional information available.

6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment:	Collect spillage.
Methods for cleaning up:	Mechanically recover the product. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Store away from other materials.

6.4. Reference to other sections

See Section 7. Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7
HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Provide sufficient air exchange and/or exhaust. Handle and open container with care.
Hygiene measures:	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures:	Ensure adequate ventilation, especially in confined areas. Take precautionary measures against static discharge.
Storage conditions:	Store locked up. Keep only in the original container in a cool, well-ventilated place. Containers which are opened should be properly resealed and kept upright to prevent leakage. Protect from moisture. Protect from heat and direct sunlight.
Incompatible products:	Reducing agents. Acids.
Incompatible materials:	combustible materials.

7.3. Specific end use(s)

No supplementary information available.

SECTION 8
EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Silicon dioxide (7631-86-9)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA)	6 mg/m³ (inhalable aerosol) 2.4 mg/m³ (respirable aerosol)
WEL STEL (OEL STEL)	18 mg/m³ (calculated-inhalable dust) 7.2 mg/m³ (calculated-respirable dust)

8.1.2. Recommended monitoring procedures

No additional information available.

8.1.3. Air contaminants formed

No additional information available.

8.1.4. DNEL and PNEC

sodium hydrogensulphate (7681-38-1)	
PNEC (Water)	
PNEC aqua (freshwater)	11.09 mg/l
PNEC aqua (marine water)	1.109 mg/l
sodium hydrogensulphate (7681-38-1)	
PNEC aqua (intermittent, freshwater)	17.66 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	40.2 mg/kg dwt
PNEC sediment (marine water)	4.02 mg/kg dwt
PNEC (Soil)	
PNEC soil	1.54 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	800 mg/l
Sodium chlorite (7758-19-2)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	0.8 mg/kg bodyweight/day
Acute - systemic effects, inhalation	0.28 mg/m³
Long-term - systemic effects, dermal	0.8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.28 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	0.4 mg/kg bodyweight/day
Acute - systemic effects, inhalation	0.07 mg/m³
Acute - systemic effects, oral	0.04 mg/kg bodyweight/day
Long-term - systemic effects,oral	0.04 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.07 mg/m³
Long-term - systemic effects, dermal	0.4 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.65 µg/l
PNEC aqua (marine water)	0.065 µg/l
PNEC aqua (intermittent, freshwater)	0.0065 mg/l
PNEC (STP)	
PNEC sewage treatment plant	1 mg/l

Sodium percarbonate (15630-89-4)	
DNEL/DMEL (Workers)	
Acute - local effects, dermal	12.8 mg/cm²
Long-term - local effects, dermal	12.8 mg/cm²
Long-term - local effects, inhalation	5 mg/m³
DNEL/DMEL (General population)	
Acute - local effects, dermal	6.4 mg/cm²
Long-term - local effects, dermal	6.4 mg/cm²
PNEC (Water)	
PNEC aqua (freshwater)	0.035 mg/l
PNEC aqua (marine water)	0.035 mg/l
Sodium percarbonate (15630-89-4)	
PNEC aqua (intermittent, freshwater)	0.035 mg/l
PNEC (STP)	
PNEC sewage treatment plant	16.24 mg/l

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Provide sufficient air exchange and/or exhaust.

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves. Protective clothing.

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:

Wear safety glasses with side shields of face shield (EN 166)

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. Acid-resistant clothing. Standard. EN 13034. Safety shoes or boots, chemically resistant. Unsuitable body-protection: Natural fibers (i.e. cotton). Leather. Natural rubber

Hand protection:

Wear suitable gloves tested to EN374. Suitable material: Polyvinylchloride (PVC). penetration time (maximum wearing period): > 480 min. Unsuitable gloves materials: Leather, Natural rubber (NR). Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves must be replaced after each use and whenever signs of wear or perforation appear

8.2.2.3. Respiratory protection

Respiratory protection:

Provide for sufficient ventilation and punctiform suction at critical points. In case of inadequate ventilation wear respiratory protection. Wear a full face respirator conforming to EN136. Type B - Inorganic gases (hydrogen sulfide, chlorine, hydrogen cyanide). In the event of exposure to high concentrations : Standard EN 137 - Self-contained open-circuit compressed air breathing apparatus with full face mask

8.2.2.4. Thermal hazards
No additional information available

8.2.3. Environmental exposure controls
Environmental exposure controls:
Avoid release to the environment.

Other information:
If on skin, take off contaminated clothing. Keep away from food, drink and animal feedingstuffs. Avoid contact with skin and eyes. Wash hands before breaks and after work.

SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	White to off-white
Appearance:	Tablets
Odour:	Chlorine
Odour threshold:	Not available
Melting point:	Not available
Freezing point:	Not available
Boiling point:	Not available
Flammability:	Not available
Oxidising properties:	Oxidiser
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	None
Decomposition temperature:	180 °C
pH:	≈ 6
pH solution:	Not available
Viscosity, kinematic:	Not applicable
Solubility:Water:	very soluble
Partition coefficient n-octanol/water (Log Kow):	Not available
Partition coefficient n-octanol/water (Log Pow):	2 – 3
Vapour pressure:	Not available
Vapour pressure at 50°C:	Not available
Density:	Not available
Relative density:	Not available
Relative vapour density at 20°C:	Not applicable
Particle size:	Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes
No additional information available

9.2.2. Other safety characteristics
No additional information available

SECTION 10
STABILITY AND REACTIVITY

10.1. Reactivity

May cause fire or explosion; strong oxidiser. The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

Contact with acids liberates very toxic gas. Contact with water liberates chlorine dioxide gasses.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Combustible material. Acids. Reducing agent.

10.6. Hazardous decomposition products

Chlorine compounds. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11
TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral):	Harmful if swallowed.
Acute toxicity (dermal):	Toxic in contact with skin.
Acute toxicity (inhalation):	Not classified

SuperTab	
ATE oral	406.504 mg/kg bodyweight
ATE dermal	208.333 mg/kg bodyweight
sodium hydrogensulphate (7681-38-1)	
LD50 oral rat	2000 – 2140 mg/kg bodyweight
LC50 Inhalation - Rat	> 2.4 mg/l air Animal: rat, Guideline: OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class Method)
ATE oral	2000 mg/kg bodyweight
Sodium chlorite (7758-19-2)	
LD50 oral rat	284 mg/kg bodyweight
LD50 dermal rabbit	134 mg/kg
LC50 Inhalation - Rat	230 mg/m³ (Exposure time: 4 h Source: NLM_CIP)
ATE oral	100 mg/kg bodyweight
ATE dermal	50 mg/kg bodyweight
Sodium percarbonate (15630-89-4)	
LD50 oral rat	893 – 1164 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:
ATE oral	500 mg/kg bodyweight

Silicon dioxide (7631-86-9)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	2.19 – 5.01 mg/l/4h

Skin corrosion/irritation: Causes severe skin burns.
pH: ≈ 6
Serious eye damage/irritation: Causes serious eye damage.
pH: ≈ 6
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified

Sodium chlorite (7758-19-2)	
IARC group	3 - Not classifiable
Silicon dioxide (7631-86-9)	
IARC group	3 - Not classifiable
Silicon dioxide (7631-86-9)	
NOAEL (chronic, oral, animal/male, 2 years)	1800 – 3000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
Silicon dioxide (7631-86-9)	
NOAEL (chronic, oral, animal/female, 2 years)	1800 – 3200 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicity: Not classified

Sodium chlorite (7758-19-2)	
LOAEL (animal/male, F1)	> 10 mg/kg bodyweight Animal: rat, Animal sex: male
LOAEL (animal/female, F1)	10 mg/kg bodyweight Animal: rat, Animal sex: female
NOAEL (animal/female, F1)	5 mg/kg bodyweight Animal: rat, Animal sex: female

STOT-single exposure: Not classified
STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Sodium chlorite (7758-19-2)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Silicon dioxide (7631-86-9)	
NOAEL (dermal, rat/rabbit, 90 days)	≥ 10000 mg/kg bodyweight Animal: rabbit

Aspiration hazard: Not classified

11.2. Information on other hazards

No additional information available.

SECTION 12
ECOLOGICAL INFORMATION

12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute): Not classified
Hazardous to the aquatic environment, long–term (chronic): Not classified

sodium hydrogensulphate (7681-38-1)	
LC50 - Fish [1]	7960 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	1.766 g/l
EC50 72h - Algae [1]	1.9 g/l
Sodium chlorite (7758-19-2)	
LC50 - Fish [1]	105 mg/l
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 - Crustacea [1]	1 mg/l
EC50 72h - Algae [1]	21.5 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	5.76 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
Sodium percarbonate (15630-89-4)	
LC50 - Fish [1]	70.7 mg/l
EC50 - Crustacea [1]	4.9 mg/l Test organisms (species): Daphnia pulex
Silicon dioxide (7631-86-9)	
LC50 - Fish [1]	1.033 – 5 g/l
Silicon dioxide (7631-86-9)	
EC50 - Crustacea [1]	5 g/l
EC50 72h - Algae [1]	> 173.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	149.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

SuperTab	
Persistence and degradability	Rapidly degradable
sodium hydrogensulphate (7681-38-1)	
Persistence and degradability	Rapidly degradable
Sodium chlorite (7758-19-2)	
Persistence and degradability	Rapidly degradable
Sodium percarbonate (15630-89-4)	
Persistence and degradability	Rapidly degradable
Silicon dioxide (7631-86-9)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

SuperTab	
Partition coefficient n-octanol/water (Log Pow)	2 – 3
Sodium chlorite (7758-19-2)	
Partition coefficient n-octanol/water (Log Pow)	-2.7 @ 25 °C
Partition coefficient n-octanol/water (Log Kow)	-2.7 @ 25 °C
Sodium percarbonate (15630-89-4)	
BCF - Fish [1]	(no bioaccumulation)
Silicon dioxide (7631-86-9)	
BCF - Fish [1]	(no bioaccumulation expected)

12.4. Mobiliteit in de bodem

Geen aanvullende informatie beschikbaar

12.5. Resultaten van PBT- en zPzB-beoordeling

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Sodium chlorite (7758-19-2)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Sodium chlorite (7758-19-2)

12.6. Endocrine disrupting properties

No additional information available.

12.7. Other adverse effects

No additional information available

SECTION 13
DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Regional waste regulation:	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations:	Dispose in a safe manner in accordance with local/national regulations.
Additional information:	This material and its container must be disposed of as hazardous.
Ecological information:	Avoid release to the environment.
European List of Waste (LoW, EC 2000/532):	07 04 13* - solid wastes containing dangerous substances
HP Code:	HP2 - “Oxidising:” waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials. HP5 - “Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:” waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration. HP6 - “Acute Toxicity:” waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure. HP8 - “Corrosive:” waste which on application can cause skin corrosion. HP12 - “Release of an acute toxic gas:” waste which releases acute toxic gases (Acute Tox. 1, 2 or 3) in contact with water or an acid

SECTION 14
TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA / ADN / RID

ADR				
14.1. UN number or ID number IMDG		IATA	ADN	RID
UN 1479	UN 1479	UN 1479	UN 1479	UN 1479
14.2. UN proper shipping name				
OXIDIZING SOLID, N.O.S. (Sodium chlorite ; Sodium percarbonate)	OXIDIZING SOLID, N.O.S. (Sodium chlorite ; Sodium percarbonate)	Oxidizing solid, n.o.s. (Sodium chlorite ; Sodium percarbonate)	OXIDIZING SOLID, N.O.S. (Sodium chlorite ; Sodium percarbonate)	OXIDIZING SOLID, N.O.S. (Sodium chlorite ; Sodium percarbonate)
Transport document description				
UN 1479 OXIDIZING SOLID, N.O.S. (Sodium chlorite ; Sodium percarbonate), 5.1, II, (E)	UN 1479 OXIDIZING SOLID, N.O.S. (Sodium chlorite ; Sodium percarbonate), 5.1, II	UN 1479 Oxidizing solid, n.o.s. (Sodium chlorite ; Sodium percarbonate), 5.1, II	UN 1479 OXIDIZING SOLID, N.O.S. (Sodium chlorite ; Sodium percarbonate), 5.1, II	UN 1479 OXIDIZING SOLID, N.O.S. (Sodium chlorite ; Sodium percarbonate), 5.1, II

14.3. Transport hazard class(es)				
5.1	5.1	5.1	5.1	5.1
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

14.6. Special precautions for user

Overland transport	
Classification code (ADR):	O2
Special provisions (ADR):	274
Limited quantities (ADR):	1kg
Excepted quantities (ADR):	E2
Packing instructions (ADR):	P002, IBC08
Special packing provisions (ADR):	B4
Mixed packing provisions (ADR):	MP2
Portable tank and bulk container instructions (ADR):	T3
Portable tank and bulk container special provisions (ADR):	TP33
Tank code (ADR):	SGAN
Tank special provisions (ADR):	TU3
Vehicle for tank carriage:	AT
Transport category (ADR):	2
Special provisions for carriage - Packages (ADR):	V11
Special provisions for carriage - Loading, unloading and handling (ADR):	CV24
Hazard identification number (Kemler No.):	50
Orange plates	50 1479
Tunnel restriction code (ADR):	E
EAC code:	1Y

Transport by sea	
Special provisions (IMDG):	274, 900
Limited quantities (IMDG):	1 kg
Excepted quantities (IMDG):	E2
Packing instructions (IMDG):	P002
IBC packing instructions (IMDG):	IBC08
IBC special provisions (IMDG):	B21, B4
Tank instructions (IMDG):	T3
Tank special provisions (IMDG):	TP33
EmS-No. (Fire):	F-A
EmS-No. (Spillage):	S-Q
Stowage category (IMDG):	B
Segregation (IMDG):	SG38, SG49, SG60, SG61

Air transport	
PCA Excepted quantities (IATA):	E2
PCA Limited quantities (IATA):	Y544
PCA limited quantity max net quantity (IATA):	2.5kg
PCA packing instructions (IATA):	558
PCA max net quantity (IATA):	5kg

CAO packing instructions (IATA):	562
CAO max net quantity (IATA):	25kg
Special provisions (IATA):	A3, A803
ERG code (IATA):	5L

Inland waterway transport	
Classification code (ADN):	O2
Special provisions (ADN):	274
Limited quantities (ADN):	1 kg
Excepted quantities (ADN):	E2
Equipment required (ADN):	PP
Number of blue cones/lights (ADN):	0

Rail transport	
Classification code (RID):	O2
Special provisions (RID):	274
Limited quantities (RID):	1kg
Excepted quantities (RID):	E2
Packing instructions (RID):	P002, IBC08
Special packing provisions (RID):	B4
Mixed packing provisions (RID):	MP2
Portable tank and bulk container instructions (RID):	T3
Portable tank and bulk container special provisions (RID):	TP33
Tank codes for RID tanks (RID):	SGAN
Special provisions for RID tanks (RID):	TU3
Transport category (RID):	2
Special provisions for carriage – Packages (RID):	W11
Special provisions for carriage - Loading, unloading and handling (RID):	CW24
Colis express (express parcels) (RID):	CE10
Hazard identification number (RID):	50

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15
REGULATORY INFORMATION

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)
Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.
Explosives Precursors Regulation (2019/1148)
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)
Drug Precursors Regulation (273/2004)
Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16
OTHER INFORMATION

Indication of changes:
Revision - See : *.

Indication of changes			
Section	Changed item	Change	Comments
	Supersedes	Added	
	Revision date	Added	
13.1	HP-code	Added	

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Other information

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.
For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:	
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH029	Contact with water liberates toxic gas
EUH032	Contact with acids liberates very toxic gas
EUH071	Corrosive to the respiratory tract
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H271	May cause fire or explosion; strong oxidiser
H272	May intensify fire; oxidiser
H301	Toxic if swallowed
H302	Harmful if swallowed
H310	Fatal in contact with skin
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H319	Causes serious eye irritation
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects
Ox. Sol. 1	Oxidising Solids, Category 1
Ox. Sol. 3	Oxidising Solids, Category 3
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

Full text of use descriptors	
PC37	Water treatment chemicals

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Ox. Sol. 1	H271	Calculation method
Acute Tox. 4 (Oral)	H302	Calculation method
Acute Tox. 3 (Dermal)	H311	Calculation method
Skin Corr. 1B	H314	Calculation method
Eye Dam. 1	H318	Calculation method
STOT RE 2	H373	Calculation method

Safety Data Sheet (SDS), EU
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.