



SAFETY DATA SHEET

(REACH regulation (EC) No.1907/2006 – No.2015/830)

SECTION 1: IDENTIFICATION OF THE MIXTURE AND THE COMPANY

1.1. Product identifier

Product name: SANO-02
Product code: No data available.
Description product: No data available.
Type of formulation: Solid (tablet)
Other identification: No data available.

1.2. Relevant identified uses of the mixture

Biocidal product
Product-types 2, 3, 5, 11, 12: Disinfectants and algacides not intended for direct application to humans or animals, Veterinary hygiene, Drinking water, Preservatives for liquid-cooling and processing systems, Slimicides
Formulation type: TB (tablet)

1.3. Details of the supplier of the safety data sheet

Manufacturer

Registered company name: Duka Production Ltd.
Address: P.O. Box - 307730 AA Ommen – The Netherlands
Telephone: +31 (0)88 0333 003
Email: info@dukaproduction.com

Distributor

Registered company name: THESEO
Address: 200, avenue de Mayenne - 53 000 Laval - France
Telephone: + 33 (0)2 43 67 96 96
Email: theseo@theseo.fr

1.4. Emergency telephone number:

Emergency number: NHS Direct: 08 45 46 47 (England and Wales)
NHS 24: 08 454 24 24 24 (Scotland)
Other emergency numbers
In an emergency, call anti-poison center.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the mixture

Product definition: Mixture.

In compliance with EC Regulation No.1272/2008 and its amendments.

Oxidising Solids, Hazard Category 2 (Ox. Sol. 2, H272)
Acute oral toxicity, Category 4 (Acute Tox. 4, H302).
Acute dermal toxicity, Category 3 (Acute Tox. 3, H311).
Skin corrosion, Category 1B (Skin Corr. 1B, H314).
Serious eye damage, Category 1 (Eye Dam. 1, H318).
Specific target organ toxicity (repeated exposure), Category 2 (STOT RE 2, H373).
Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).
Contact with water liberates toxic gas (EUH029).

For more information on health effects and symptoms, see section 11.

2.2. Label elements

Biocidal product, PT2, 3, 5, 11, 12 (see section 15).

TB (tablet)

In compliance with EC Regulation No. 1272/2008 and its amendments.

Hazard pictograms:



GHS03

GHS06

GHS05

GHS08

GHS09

Signal Word:

Danger

Hazard statements:

H272	May intensify fire; oxidiser.
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.
H400	Very toxic to aquatic life.

Additional labeling:

EUH209	Contact with water liberates toxic gas.
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Precautionary statements:

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220	Keep/Store away from clothing/.../combustible materials.
P260	Do not breathe dust.
P273	Avoid release to the environment.
P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or a doctor if you feel unwell.
P405	Store locked up.
P501	Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Product identifier:

CAS No.7758-19-2 SODIUM CHLORITE

Additional labelling elements: Not applicable

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances and preparations and certain dangerous articles: Not applicable

Specific packaging requirements

Containers to be fitted with a safety closure for children: Not applicable

Tactile warning of danger: Not applicable

Other hazards which do not result in classification: Not applicable

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) as defined by criteria of article 57 and as per article 59 of REACH (Regulation (EC) No.1907/2006) at concentration $\geq 0.1\%$ - list published by the European CHemicals Agency (ECHA): <http://echa.europa.eu/fr/candidate-list-table>.

The mixture does not contain any PBT or vPvB substances as defined in annex XIII of the REACH Regulation (EC) No.1907/2006.

SECTION 3: COMPOSITION/INFORMATIONS ON INGREDIENTS

3.1. Substances

Not applicable (mixture).

3.2. Mixtures

Composition:

INDEX	CAS No.	EC No.	Name	Hazard pictogram	Hazard statement	% w/w
016-046-00-X	7681-38-1	231-665-7	SODIUM HYDROGENSULPHATE ^[1]	GHS05	H318	≥ 35 - < 50
-	7758-19-2	231-836-6	SODIUM CHLORITE ^[1]	GHS03 GHS05 GHS06 GHS08 GHS09	H271 H301 H310 H314 H318 H373 H400 H412 (M Acute = 1)	≥ 20 - < 25
-	15630-89-4	239-707-6	DISODIUM CARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2 :3) ^[1]	GHS03 GHS05 GHS07	H272 H302 H318	≥ 1 - < 5

In the present knowledge of the supplier and in the concentrations of application, no other ingredients present are classified as hazardous to health or the environment, PTB or vPvB, or with occupational exposure limits.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] The substance meets the criteria for PBT according to Regulation (EC) No.1907/2006, Annex XIII

[4] The substance meets the criteria for vPvB according to Regulation (EC) No.1907/2006, Annex XIII

[5] Substance of concern

Occupational exposure limits, where available, are listed in section 8.

See section 16 for the full text of the H statements declared above.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

In the event of contact with eyes:

Get immediate medical advice/attention. Rinse immediately eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses. Continue rinsing for at least 20 minutes. Chemical burns should be treated promptly by a doctor.

In the event of exposure by inhalation:

Get immediate medical advice/attention. If inhaled, move the patient to fresh air and keep warm and at rest. If smoke is suspected to exist, the rescuer should wear a suitable face or self-contained respiratory protection. If not breathing, in case of irregular respiratory or respiratory arrest, competent personnel should perform artificial respiration or administer oxygen. It can be dangerous for the person assisting a victim to practice mouth-to-mouth. In the event of fainting, place the person in a safety lateral position and seek immediate medical attention. Ensure well air circulation. Remove anything that could be tight, such as a collar, tie or belt.

In the event contact with skin:

Get immediate medical advice/attention. Rinse contaminated skin with plenty of water. Take off contaminated clothing and shoes. Rinse contaminated clothing with plenty of water before removing clothing, or wear gloves. Continue rinsing for at least 20 minutes. Chemical burns should be treated promptly by a doctor. Wash contaminated clothing before reuse. Wash contaminated shoes before reuse.

In the event of swallowing:

Get immediate medical advice/attention. Rinse immediately the mouth with water. Remove dental prosthesis if necessary. Remove person to fresh air and keep comfortable for breathing. If a person has swallowed this product and is conscious, get him to drink small amounts of water. If the person is indisposed, stop drinking it as vomiting may cause an additional risk. Do not induce vomiting unless directed to do so by medical personnel. In case of vomiting, hold the head down to prevent vomiting in the lungs. Chemical burns should be treated promptly by a doctor. Never give anything by mouth to an unconscious person. In the event of fainting, place the person in a lateral position of safety and call a doctor immediately. Ensure well air circulation. Remove anything that could be tight, such as a collar, tie or belt.

Protection of first aiders:

No action shall be taken involving any personal risk or without suitable training. If smoke is suspected to be present, the rescuer shall wear a suitable face or self-contained respiratory protection. It can be dangerous for the person assisting a victim to practice mouth-to-mouth. Wash contaminated clothing thoroughly with water before removing them, or wear gloves.

4.2. Most important symptoms and effects, both acute and delayed

Potential acute health effects

Contact with eyes: Eye corrosion. Causes severe eye damage.
Inhalation: Possible release of gas, vapor or dust very irritating or corrosive to the respiratory system.
Contact with skin: Skin corrosion. Causes severe skin burns
Ingestion: May cause burns to the mouth, throat and stomach.

Signs / symptoms of overexposure

Eye contact: Adverse symptoms may include the following: pain, watering, red patches
Inhalation: No known significant effects or critical hazards.
Skin contact: Adverse symptoms may include the following: pain, irritation, red patches.
The formation of blister may appear.
Ingestion: Adverse symptoms may include the following: stomach pain

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

Information for the doctor:

Symptomatic treatment required. Immediately contact a specialist for the treatment of poisoning, if large quantities have been ingested or inhaled.

Specific treatments

No particular treatment.

SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

Use a suitable extinguishing agent for the surrounding fire.

Unsuitable methods of extinction

None known

5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture

Boost ignition of combustible materials. This product increases the risk of fire and can facilitate combustion.

Risk of thermal decomposition products

Decomposition products may include the following materials:

- carbon dioxide
- carbon monoxide
- sulfur oxides
- halogenated compounds
- metal oxide / oxides

5.3. Advice to firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel must be equipped with autonomous insulating breathing apparatus.

Special protective measures for firefighters

In case of fire, isolate immediately the scene by removing all persons from the place of the incident. No action shall be taken involving any personal risk or without suitable training. Move containers away from fire area if there is no risk. Cool containers exposed to flame with water spray.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode. Fire-fighting clothing (including helmets, protective boots and gloves) conforming to European Standard EN 469 provides a basic level of protection against chemical accidents.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non first aid worker

No action shall be taken involving any personal risk or without suitable training. Evacuate the surroundings. Prevent access to persons not required and not wearing protective clothing. DO NOT TOUCH or walk through spilled material. Turn off all sources of ignition. The danger zone must be free of cigarettes or flames. Ensure adequate ventilation. Wear suitable respiratory protection when ventilation is inadequate. Wear suitable personal protective equipment.

For first aid worker

If specific clothing is required to handle with the spillage, consult sections 7 and 8 for appropriate and non-appropriate materials. See also section 8 for additional information on hygiene measures.

6.2. Environmental precautions

Contain and control spills. Prevent any material from entering drains or waterways. Inform the competent authorities in case of pollution of the environment (sewers, waterways, soil and air) by the product.

6.3. Methods and material for containment and cleaning up

Accidental spill

Move container away from spill area. Use non-sparking tools or explosion-proof equipment. Get closer the emanations in the same direction as the wind. Avoid any possible penetration into sewers, waterways, basements or confined areas. Avoid dust formation.

Do not sweep dry. Vacuum dust with equipment fitted with a HEPA filter and place them in a properly labeled closed waste container.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

6.4. Reference to other sections

See section 1 for emergency information.

See section 8 for information about suitable personal protective equipment.

See section 13 for treatment of waste information.

SECTION 7: HANDLING AND STORAGE

The information in this section contains general guidelines and advice. Consult the list of Identified uses in Section 1 for any specific use information available in the exposure scenario (s).

7.1. Precautions for safe handling

Safety measures:

Wear a suitable personal protective equipment (see section 8). Prevent every contact with the skin, the eyes or clothing.

Do not swallow. If in normal use, the substance presents a respiratory hazard, adequate ventilation or the wearing of breathing apparatus is mandatory. Keep in the original container or in packaging made of an identical material to the original and hermetically sealed when it is not used. Keep away from combustibles materials. Containers are suitable for the retreat of product residues and may present a hazard. Do not reuse this container.

Advice on general occupational hygiene:

Eating, drinking and smoking should be not authorized in areas where this material is handled, stored or processed. Wash hands and face before eating, drinking or smoking. Remove contaminated clothing and protective equipment after handling. See also section 8 for additional information on hygiene measures.

7.2. Conditions for safe storage, including any incompatibilities

Store according to local regulation.

Store in original container away from direct sunlight in a dry, cool and well-ventilated place away from incompatible materials (see Section 10). Separate from reducing agents and combustible materials. Keep container tightly closed

when not in use. Containers that have been opened must be carefully closed and kept in a vertical position to prevent leakage. Do not store in unlabeled containers. Use an appropriate container to avoid environmental contamination.

Seveso II directive - Reporting thresholds (tons)

Hazard criteria

Category	Criteria for notification and for MAPP (Major-accident prevention policy)	Safety report threshold
H2 : Acute toxicity, category 2 all routes of exposure or Acute toxicity, category 3 dermal and inhalation route	50	200
P8 : Oxidising liquids and solids	50	200
E1 : hazardous to the aquatic environment, acute 1 or chronic 1	100	200
C3 : Oxidising	50	200

7.3. Specific end use(s)

Recommendation: no data available.

Solutions specific to the industrial sector: no data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The information in this section contains general guidelines and advice. This information is provided on the basis of typical expected product uses. Additional measures may be required for bulk handling or other uses that may significantly increase worker exposure or release to the environment.

8.1. Control parameters

No occupational exposure limits.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, it may be necessary to carry out a continuous examination of persons, the atmosphere at work or living organisms to determine the effectiveness of ventilation or other control measures or evaluate the need for respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Atmospheres of workplaces - Guidance for the assessment of exposure to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Atmospheres of workplaces - Guide for the application and use of procedures and devices for assessing exposure to chemical and biological agents) European Standard EN 482 (Atmospheres of workplaces - General Requirements for the Performance of Chemical Measurement Procedures). Reference should also be made to the national technical guides on methods for the determination of hazardous substances.

DNEL / DMEL

No DNEL / DMEL available.

PNEC

No PNEC available.

8.2. Exposure controls

Appropriate technical controls

If user manipulations cause dust, fumes, gases, vapors or mist, use enclosed enclosures, exhaust ventilation at the source, or other integrated automatic control systems to maintain the technician's exposure limit for airborne contaminants below recommended or legal limits.

Personal protection measures

- Hygiene measures

Wash hands, forearms and face thoroughly after handling chemicals, before eating, smoking and using the toilet and at the end of the workday. Remove contaminated clothing. Wash contaminated clothing before re-using. Ensure that automatic eyewash devices and safety showers are near the workstation location.

- Eye/face protection

Use eye protection that meets an approved standard when a risk assessment indicates that exposure to liquid splashes, fine particles or dust is necessary. In case of contact, wear the following protections unless the evaluation indicates a higher degree of protection: chemical splash goggles and / or face shield. In case of inhalation hazard, full face respirator may be required.

Skin protection

- Hand protection

Chemical-resistant, impervious gloves complying with an approved standard are mandatory at all times when handling chemicals if a risk assessment indicates this is necessary. Taking into account the parameters indicated by the glove

manufacturer, check during use that the gloves retain their protective properties. It is noted that the breakdown time of the gloves may differ from one manufacturer to another. In the case of mixtures consisting of more than one substance, it is not possible to accurately estimate the safety time of the gloves.

- Body protection

Personal protective equipment for the body should be chosen according to the work to be performed and the risks involved.

- Other skin protection

Suitable shoes and all personal protective measures should be determined according to the operation and the risks involved and should be approved by a specialist before handling this product.

- Respiratory protection:

Wear respiratory protection with a properly adjusted particulate filter complying with a valid standard if a risk assessment indicates this is necessary. The selection of the respirator should be based on the anticipated or known exposure levels, the hazards of the product and the safe use limits of the respiratory protection device used.

- Exposure controls related to environmental protection

It is important to test emissions from ventilation systems or manufacturing equipment to ensure that they comply with the requirements of environmental protection legislation. In some cases, it will be necessary to equip the manufacturing equipment with a gas scrubber or filter or to modify it technically to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information

Physical state:	Solid (tablet)
Odour:	Odorless or with a low odor of chlorine.
Colour:	White

Important health, safety and environmental information

pH value of the mixture:	6 (100 g/L)
Melting point/melting range:	Not applicable
Boiling point/boiling range:	Not applicable
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability:	Flammable in the presence of the following materials or conditions: heat, combustible materials and moisture
Lower/upper flammability limits:	Not determined
Lower/upper explosive limits:	Not determined
Vapour pressure:	Not applicable
Vapour density:	Not determined
Relative density:	Not determined
Water solubility:	Not determined
Partition coefficient n-octanol/water:	Not determined
Auto-flammability:	Not determined
Decomposition point/decomposition range:	Not determined
Viscosity:	Not applicable
Explosive properties:	Not determined
Oxidising properties:	Not determined

9.2. Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific test data related to reactivity is available for this product or its ingredients.

10.2. Chemical stability

This product is stable.

10.3. Possibility of hazardous reactions

Dangerous reactions or instability are noted under certain conditions of storage or use. These conditions may include: Contact with combustible materials.

Reactions may include:

Risk of fire or increase of fire.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Keep away from the following materials: oxidizing materials, reducing materials, organic substances, metals, acids and alkalis.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, no hazardous decomposition products should be released.

SECTION 11: TOXICOLOGICAL INFORMATIONS

11.1. Information on toxicological effects

Acute toxicity:

Acute Toxicity Estimates

Route	ATE value
Oral	660.3 mg/kg b.w.
Dermal	208.3 mg/kg b.w.

Corrosion/irritation:

Causes severe skin burns and eye damage.

Sensitisation

No data available.

Carcinogenicity:

No data available.

Specific target organ systemic toxicity - single exposure:

No data available.

Specific target organ systemic toxicity - repeated exposure:

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard:

No data available.

Information on possible routes of exposure

Possible routes of entry: Oral, Dermal, Inhalation.

Potential acute health effects

- Eye contact:

Corrosive. Causes burns.

- Inhalation:

Possible release of gas, vapor or dust very irritating or corrosive to the respiratory system.

- Skin contact:

Corrosive. Causes burns.

- Ingestion:

May cause burns to the mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact:

Adverse symptoms may include the following: pain, watering, redness.

- Inhalation:

No known significant effects or critical hazards.

- Skin contact:

Adverse symptoms may include the following: pain, or irritation, redness.

- Ingestion:

Adverse symptoms may include the following: stomach pain.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

- Short-term exposure

Immediate potential effects: No known significant effects or critical hazards.
Potential delayed effects: No known significant effects or critical hazards.

- Prolonged exposure:

Immediate potential effects: No known significant effects or critical hazards.
Potential delayed effects: No known significant effects or critical hazards.

- Potential chronic health effects

General information: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Reproductive toxicant: No known significant effects or critical hazards.

Others information

No data available.

SECTION 12: ECOLOGICAL INFORMATION

Very toxic to aquatic life.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

Sodium chlorite (CAS No.7758-19-2):

Acute toxicity

EC50 = 1.32 ppm (freshwater, algae - *Pseudokirchneriella subcapitata*, 4 days)

EC50 = 0.025 ppm (freshwater, Daphnie - *Daphnia magna*, 48h)

LC50 = 0.08 mg/L (freshwater, fish - *Ptychocheilus oregonensis* - Juvenile (birdlet, brood, weaning), 96h)

12.1.2. Mixtures

Fish toxicity:

LC50 = 100 to 2000 mg/L (96 h)

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

Substances

Sodium chlorite (CAS No.7758-19-2):

LogPow <-2.7

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

None.

SECTION 13: DISPOSAL CONSIDERATIONS

The information in this section contains general guidelines and advice. Consult the list of Identified uses in Section 1 for any specific use information available in the exposure scenario (s).

13.1. Waste treatment methods

Product

- Waste Disposal Methods

It is recommended to avoid or minimize the generation of waste. Disposal of this product, solutions and by-products must comply with the legal requirements for environmental protection and disposal of waste and the requirements of all local authorities. Disposal of surplus and non-recyclable products by an authorised waste collection company. Do not discharge untreated waste into sewers, unless it is in accordance with the requirements of all competent authorities.

- Dangerous waste

The classification of the product may meet the hazardous waste criteria.

Packaging

Waste Disposal Methods

It is recommended to avoid or minimize the generation of waste. Recycle packaging waste. Consider incineration or landfill only if recycling is not possible.

Special precautions:

This material and its container must be disposed of in a safe way. Handle empty containers uncleaned and rinsed with caution. Empty containers or inner bags may retain product residues.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

SECTION 14: TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2016).

14.1. UN number

3085

14.2. UN proper shipping name

UN3085 = OXIDIZING SOLID, CORROSIVE, N.O.S. (sodium chlorite, sodium hydrogensulfate)

14.3. Transport hazard class(es)

- Classification:



5.1(8)

14.4. Packaging group

II

14.5. Environmental hazards

-Environmentally hazardous material:



Others information

The marking for an environmentally hazardous substance shall not be required in the case of transport in quantities less than or equal to 5 L or 5 kg.

Tunnel code (E)

14.6. Special precautions for user

Transport with local users: always transport in packs that are correct and secure. Ensure that persons transporting the product are aware of the measures to be taken in the event of an accident or accidental spill.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

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

- Regulation EU (EC) No.1907/2006 (REACH)

Annex XIV - Authorisation List

None of the substances are listed.

Substances of Very High Concern

None of the substances are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances and preparations and certain dangerous articles:

None

- Other EU Regulations

Classification and labelling information included in section 2:

The following regulations have been used:

- Regulation (EC) No.1272/2008 and its modifications

Biocidal product:

Active substance	CAS No.	% (w/w)	PT
Chlorine dioxyde	10049-04-4	0.20	2, 3, 5, 11, 12

Product-types 2, 3, 5, 11, 12: Disinfectants and algacides not intended for direct application to humans or animals, Veterinary hygiene, Drinking water, Preservatives for liquid-cooling and processing systems, Slimicides.

Europe inventory: All components are listed or exempted.

Seveso II Directive

This product is checked according to the Seveso II directive.

Danger criteria

Category
H2: Acute Toxicity Category 2 all routes of exposure or Acute Category 3 dermal and inhalation toxicity P8: Oxidizing liquids and solids E1: Dangerous for the aquatic environment in acute 1 or chronic 1 C3: Oxidizing

15.2. Chemical safety assessment

No data available.

SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section I without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Title for H indications mentioned in section 3:

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.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
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.

Abbreviations and acronyms:

GHS03:	Oxidising
GHS05:	Corrosion
GHS06:	Skull and crossbones
GHS07:	Exclamation mark.
GHS08:	Health hazard
GHS09:	Environment.
PBT:	Persistent, bioaccumulable and toxic.
vPvB:	Very persistent, very bioaccumulable.
SVHC:	Substances of very high concern.
ADR:	European agreement concerning the international carriage of dangerous goods by Road.
IMDG:	International Maritime Dangerous Goods.
IATA:	International Air Transport Association.
ICAO:	International Civil Aviation Organisation.

RID:	Regulations concerning the International carriage of Dangerous goods by rail.
ATE	Acute toxicity estimates
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level