according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

Sodium chlorite 80 %



date of compilation: 2021-01-24

article number: 9374 Version: 1.0 en

	CTION 1: Identification of the substant pany/undertaking	ce/mixture and of the						
1.1	Product identifier							
	Identification of the substance	Sodium chlorite						
	Article number	9374						
	Registration number (REACH)	not relevant (mixture)						
	EC number	231-836-6						
	CAS number	7758-19-2						
1.2	Relevant identified uses of the substance or mixture and uses advised against							
	Identified uses:	laboratory chemical						
1.3	Details of the supplier of the safety data sheet Laboratoriumdiscounter Zandvoortstraat 75 1976BN Ijmuiden Nederland							
	Telephone: +31 (0) 255 700 210 e-mail: <u>info@laboratoriumdiscounter.nl</u> Website: <u>www.laboratoriumdiscounter.nl</u>							
	Competent person responsible for the safety data sheet	: Department Health, Safety and Environment						
	e-mail (competent person)	: info@laboratoriumdiscounter.nl						
1.4	Emergency telephone number							
	Emergency information service	Poison Centre Munich: +49/(0)89 19240						

SECTION 2: Hazards identification

2.1 Classification of the substance ormixture

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

Classification acc. to GHS							
Section	Hazard class	Hazard class and cat- egory	Hazard state- ment				
2.14	oxidising solid	(Ox. Sol. 1)	H271				
3.10	acute toxicity (oral)	(Acute Tox. 3)	H301				
3.1D	acute toxicity (dermal)	(Acute Tox. 2)	H310				
3.2	skin corrosion/irritation	(Skin Corr. 1B)	H314				
3.3	serious eye damage/eye irritation	(Eye Dam. 1)	H318				
3.9	specific target organ toxicity - repeated exposure	(STOT RE 2)	H373				
4.1A	hazardous to the aquatic environment - acute hazard	(Aquatic Acute 1)	H400				
4.1C	hazardous to the aquatic environment - chronic hazard	(Aquatic Chronic 1)	H410				

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Supplemental hazard information

Code	Supplemental hazard information
EUH032	contact with acids liberates very toxic gas
EUH071	corrosive to the respiratory tract

Remarks

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2 Label elements

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

Signal word Danger

Pictograms



Hazard statements

H271	May cause fire or explosion; strong oxidiser.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

Precautionary statements - prevention

P220	Keep/store away fromclothing/combustible materials.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - response

P301+P330+P331 P303+P361+P353	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): take off immediately all contaminated clothing. Rinse skin
P304+P340 P305+P351+P338	with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
P310	lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Supplemental hazard information

EUH032	Contact with acids liberates very toxic gas.
EUH071	Corrosive to the respiratory tract.

Hazardous ingredients for labelling:

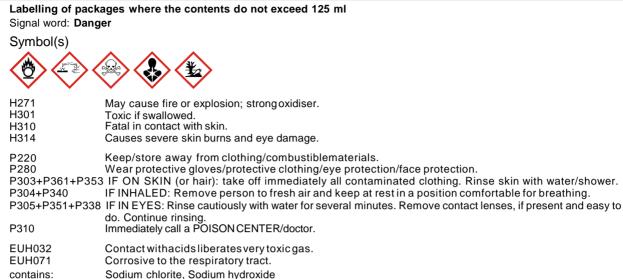
Sodium chlorite, Sodium hydroxide

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2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description of the mixture

Composition/information on ingredients.

Name of sub- stance	Identifier	wt%	Classification acc. to 1272/2008/EC	Pictograms	Specific Conc. Limits
Sodium chlorite	CAS No 7758-19-2 EC No 231-836-6	80	Ox. Sol. 1 / H271 Acute Tox. 3 / H301 Acute Tox. 2 / H310 Skin Corr. 1B / H314 STOT RE 2 / H373 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410 EUH032 EUH071		
Sodium hydroxide	CAS No 1310-73-2 EC No 215-185-5 Index No 011-002-00-6 REACH Reg. No 01-2119457892- 27-xxxx	< 1	Met. Corr. 1 / H290 Skin Corr. 1A / H314 Eye Dam. 1 / H318	A A A A A A A A A A A A A A A A A A A	Skin Corr. 1A; H314: $C \ge 5\%$ Skin Corr. 1B; H314: 2 $\% \le C < 5\%$ Skin Irrit. 2; H315: 0,5 $\% \le C < 2\%$ Eye Dam. 1; H318: C $\ge 2\%$ Eye Irrit. 2; H319: 0,5 $\% \le C < 2\%$

Remarks

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

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4.1 Description of first aid measures



General notes

Take off immediately all contaminated clothing. Self-protection of the first aider.

Following inhalation

Provide fresh air. IF exposed or concerned: Call a doctor.

Following skin contact

After contact with skin, wash immediately with plenty of water. Immediate medical treatment required because corrosive injuries that are not treated are hard to cure. Call a physician in any case.

Following eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye.

Following ingestion

Rinse mouth immediately and drink plenty of water. Call a physician immediately. If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

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

Corrosion, Pulmonary oedema, Gastrointestinal complaints, Cough, Risk of blindness, Gastric perforation, Risk of serious damage to eyes, Spasms, Dyspnoea, Cyanosis (blue coloured blood)

3. Indication of any immediate medical attention and special treatment needed none

SECTION 5: Firefighting measures

1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings water spray, foam, dry extinguishing powder, carbon dioxide (CO2)

Unsuitable extinguishing media

water jet

2. Special hazards arising from the substance or mixture

Oxidising property. Non-combustible.

Hazardous combustion products

In case of fire may be liberated: hydrogen chloride (HCI), May produce toxic fumes of carbon monoxide if burning.

3. Advice for firefighters

Keep containers cool with water spray. Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus. Wear full chemical protective clothing.



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SECTION 6: Accidental release measures

1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. Do not breathe dust. Avoid contact with skin, eyes and clothes.

2. Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

3. Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill Dampen dust. Take up mechanically. Control of dust.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

4. Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

1. Precautions for safe handling

Handle and open container with care.

· Measures to prevent fire as well as aerosol and dust generation

Removal of dust deposits. Dampen dust. Take any precaution to avoid mixing with combustibles.

Handling of incompatible substances ormixtures

Keep away from

acids

Advice on general occupational hygiene

When using do not eat or drink. Thorough skin-cleansing after handling the product.

2. Conditions for safe storage, including any incompatibilities

Store in a dry place. Keep container tightly closed.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice

Store locked up.

Ventilation requirements

Use local and general ventilation.

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· Specific designs for storage rooms or vessels

Recommended storage temperature: 15 - 25 °C.

7.3 Specific end use(s)

No information available.

SECTION8: Exposurecontrols/personal protection

8.1 **Control parameters**

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Coun- try	Name of agent	CAS No	Nota- tion	Identifier	TWA [mg/m³]	STEL [mg/m³]	Source
GB	sodium hydroxide	1310-73-2		WEL		2	EH40/2005

Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-TWA

minute period unless otherwisespecified Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average

Relevant DNELs/DMELs/PNECs and other threshold levels

• relevant DNELs of components of themixture

Name of sub- stance	CAS No	End- point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Sodium chlorite	7758-19- 2	DNEL	0,41 mg/m³	human, inhalatory	worker (in- dustry)	chronic - systemic ef- fects
Sodium chlorite	7758-19- 2	DNEL	0,41 mg/m³	human, inhalatory	worker (in- dustry)	acute - systemic ef- fects
Sodium chlorite	7758-19- 2	DNEL	0,58 mg/kg bw/day	human, dermal	worker (in- dustry)	chronic - systemic ef- fects
Sodium chlorite	7758-19- 2	DNEL	0,58 mg/kg bw/day	human, dermal	worker (in- dustry)	acute - systemic ef- fects
Sodium hydroxide	1310-73- 2	DNEL	1 mg/m³	human, inhalatory	worker (in- dustry)	chronic - systemic ef- fects
Sodium hydroxide	1310-73- 2	DNEL	1 mg/m³	human, inhalatory	worker (in- dustry)	chronic - local effects

relevant PNECs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Environmental compartment	Exposure time
Sodium chlorite	7758-19-2	PNEC	0,65 ^{µg} /I	freshwater	short-term (single in- stance)
Sodium chlorite	7758-19-2	PNEC	0,065 ^{µg} /I	marine water	short-term (single in- stance)
Sodium chlorite	7758-19-2	PNEC	1 ^{mg} / _l	sewage treatment plant (STP)	short-term (single in- stance)

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8.2 Exposure controls

Individual protection measures (personal protective equipment)



Eye/face protection

Use safety goggle with side protection. Wear face protection.

Skin protection

hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

• type of material

NBR (Nitrile rubber)

material thickness

>0,3 mm

breakthrough times of the glove material

>480 minutes (permeation: level 6)

other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection

Respiratory protection necessary at: Particulate filter device (EN 143). Dust formation. P3 (filters at least 99,95 % of airborne particles, colour code: White). Aerosol or mist formation. Type: B-P2 (combined filters for acidic gases and particles, colour code: Grey/White).

Environmental exposure controls

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	
Physical state	solid (powder)
Colour	white
Odour	this information is notavailable
Odour threshold	No data available
Other physical and chemical parameters	
pH (value)	10 - 11 (100 ^g / _l , 20 °C)
Melting point/freezing point	180 °C slow decomposition
Initial boiling point and boiling range	This information is not available.
Flash point	not applicable
Evaporation rate	no data available
Flammability (solid, gas)	Contact with combustible material may cause fire



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Explosive limits	
 lower explosion limit (LEL) 	this information is not available this
 upper explosion limit (UEL) 	information is not available these
Explosion limits of dust clouds	information are not available 1,11
Vapour pressure	Pa at 25 °C
Density	This information is not available.
Vapour density	This information is not available.
Bulk density	700 - 900 ^{kg} / _{m³}
Relative density	Information on this property is not available.
Solubility(ies)	
Water solubility	800 ^g / _l at 20 °C
Partition coefficient	
n-octanol/water (log KOW)	This information is not available.
Auto-ignition temperature	Information on this property is not available.
Decomposition temperature	no data available
Viscosity	not relevant (solidmatter)
Explosive properties	Shall not be classified as explosive
Oxidising properties	strong oxidiser

9.2 Other information

There is no additional information.

SECTION 10: Stability and reactivity

- 1. Reactivity Oxidising property.
- 2. **Chemical stability** Hygroscopic solid.

Possibility of hazardous reactions 3. Violent reaction with: Danger of explosion: Ammonium compounds, Chlorine, Metalpowder, Phosphorus, Sulphur, Cyanides

4. Conditions to avoid Risk of explosion by shock, friction, fire or other sources of ignition.

5. Incompatible materials

There is no additional information.

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10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

1. Information on toxicological effects

Acute toxicity

Acute toxicity of components of themixture

Name of substance	CAS No	Exposure route	ATE
Sodium chlorite	7758-19-2	oral	278 ^{mg} / _{kg}
Sodium chlorite	7758-19-2	dermal	134 ^{mg} / _{kg}

Skin corrosion/irritation

Causes severe burns.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeatedexposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed

vomiting, renal impairment, nausea, If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects)

If in eyes

causes burns, Causes serious eye damage, risk of blindness

If inhaled

pulmonary oedema, corrosive to the respiratory tract

If on skin

causes severe burns, causes poorly healing wounds

Other information

None



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SECTION 12: Ecological information

12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute)

Very toxic to aquatic organisms.

Endpoint	Value	Species	Source	Exposure time
EC50	0,29 ^{mg} /l	daphnia magna		48 h
LC50	>500 ^{mg} /I	striped brill (Brachy- danio rerio)		96 h

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Sodium chlorite	7758-19-2	EC50	0,29 ^{mg} / _l	daphnia magna	48 h
Sodium chlorite	7758-19-2	LC50	>500 ^{mg} /I	striped brill (Bra- chydanio rerio)	96 h

Aquatic toxicity (chronic)

May cause long-term adverse effects in the aquatic environment.

2. Process of degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

Name of sub- stance	CAS No	BCF	Log KOW	BOD5/COD
Sodium chlorite	7758-19-2		<-2,7	

4. Mobility in soil

3.

Data are not available.

- 5. Results of PBT and vPvB assessment Data are not available.
- 6. Other adverse effects Data are not available.

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1. Waste treatment methods

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used.

2. Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

3. Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

SECTION 14: Transport information

	•	
1.	UN number	1496
2.	UN proper shipping name	SODIUM CHLORITE
	Hazardous ingredients	Sodium chlorite
3.	Transport hazard class(es)	
	Class	5.1 (oxidizing substances)
4.	Packing group	II (substance presenting medium danger)
5.	Environmentalhazards	hazardous to the aquatic environment (Sodium chlorite)
6.	Special precautions for user	
	Provisions for dangerous goods (ADR) should be o	
7.	Transport in bulk according to Annex II of MA	RPOL and the IBC Code
	The cargo is not intended to be carried in bulk.	
8.	Information for each of the UN Model Regulat	ions
	 Transport of dangerous goods by road, rail ar 	d inland waterway (ADR/RID/ADN)
	UN number	1496
	Proper shipping name	SODIUM CHLORITE
	Particulars in the transport document	UN1496, SODIUM CHLORITE, 5.1, II, (E), environ- mentally hazardous
	Class	5.1
	Classification code	02
	Packing group	П
	Danger label(s)	5.1 + "fish and tree"



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X /



Environmental hazards	yes (hazardous to the aquatic environment)
Excepted quantities (EQ)	E2
Limited quantities (LQ)	1 kg
Transport category (TC)	2
Tunnel restriction code (TRC)	E
Hazard identification No	50
Emergency Action Code	1Y
 International Maritime Dangerous Goods C 	Code(IMDG)
UN number	1496
Proper shipping name	SODIUM CHLORITE
Particulars in the shipper's declaration	UN1496, SODIUM CHLORITE, 5.1, II, MARINE PO LUTANT
Class	5.1
Marine pollutant	yes (hazardous to the aquatic environment)
Packing group	П
Danger label(s)	5.1 + "fish and tree"
51 X	
Special provisions (SP)	-
Excepted quantities (EQ)	E2
Limited quantities (LQ)	1 kg
EmS	F-H, S-Q
Stowage category	A
Segregation group	5 - Chlorites
	CAO-IATA/DGR)
 International Civil Aviation Organization (IC 	
 International Civil Aviation Organization (IC UN number 	1496
UN number Proper shipping name	Sodium chlorite
UN number Proper shipping name Particulars in the shipper's declaration	Sodium chlorite UN1496, Sodium chlorite, 5.1, II
UN number Proper shipping name	Sodium chlorite
UN number Proper shipping name Particulars in the shipper's declaration	Sodium chlorite UN1496, Sodium chlorite, 5.1, II

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Excepted quantities (EQ)	E2
Limited quantities (LQ)	2,5 kg

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS) None of the ingredients are listed.

Regulation 850/2004/EC on persistent organic pollutants (POP)

None of the ingredients are listed.

• Restrictions according to REACH, Annex XVII

None of the ingredients are listed.

• List of substances subject to authorisation (REACH, Annex XIV)

None of the ingredients are listed.

Seveso Directive

2012/18/EU (Seveso III)			
Νο	Dangerous substance/hazard categories	Qualifying quantity (tonnes) for the a plication of lower and upper-tier re quirements	p- Notes
H2	acute toxic (cat. 2 + cat. 3, inhal.)	50 200	41)
P8	oxidising liquids and solids	50 200	55)

Notation

Category 2, all exposure routes
category 3, inhalation exposure route 41)

55) Oxidising liquids, category 1, 2 or 3, or oxidising solids, category 1, 2 or 3

•Limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (2004/42/EC, Deco-Paint Directive)

0 %

Directive on industrial emissions (VOCs,2010/75/EU)

VOC content

0%

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

None of the ingredients are listed.

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Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)

None of the ingredients are listed.

National inventories

- EINECS/ELINCS/NLP (Europe)

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
Acute Tox.	acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Acute	hazardous to the aquatic environment - acute hazard
Aquatic Chronic	hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
BCF	bioconcentration factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	chemical oxygen demand
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EH40/2005	EH40/2005 Workplace exposure limits (<u>http://www.nationalarchives.gov.uk/doc/open-government-licence/)</u>
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
Eye Dam.	seriously damaging to the eye
Eye Irrit.	irritant to the eye
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
ΙΑΤΑ	International Air Transport Association

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Abbr.Descriptions of used abbreviationsIATA/DGRDangerous Goods Regulations (DGR) for the air transport (IATA)IGA0International Civil Aviation OrganizationIMDGInternational Maritime Dangerous Goods Codeindex Nowthe Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC)log KOWn-octanol/waterMARPOLInternational Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")Met. Corr.substance or mixture corrosive to metalsNLPNo-Longer PolymerOx. Sol.oxidising solidPBTPersistent, Bioaccumulative and ToxicPNECPredicted No-Effect ConcentrationREACHRegistration, Evaluation, Authorisation and Restriction of ChemicalsRIDRèglement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations) concerning the International carriage of Dangerous goods by Rail)Skin Corr.corrosive to skinStin Irrit.irritant to skinSTELspecific target organ toxicity - repeated exposureTWAtime-weighted averageVOCVolatile Organic CompoundsVPBvery Persistent and very Bioaccumulative		
ICAOInternational Civil Aviation OrganizationIMDGInternational Maritime Dangerous Goods Codeindex Nothe Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008log KOWn-octanol/waterMARPOLInternational Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")Met. Corr.substance or mixture corrosive to metalsNLPNo-Longer PolymerOx. Sol.oxidising solidPBTPersistent, Bioaccumulative and ToxicPNECPredicted No-Effect ConcentrationREACHRegistration, Evaluation, Authorisation and Restriction of ChemicalsRIDRèglement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)Skin Irrit.irritant to skinSTOT REspecific target organ toxicity - repeated exposureTWAtime-weighted averageVOCVolatile Organic CompoundsVPVBvery Persistent and very Bioaccumulative	Abbr.	Descriptions of used abbreviations
IMDGInternational Maritime Dangerous Goods CodeIndex Nothe Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC)Iog KOWn-octanol/waterMARPOLInternational Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")Met. Corr.substance or mixture corrosive to metalsNLPNo-Longer PolymerOx. Sol.oxidising solidPBTPersistent, Bioaccumulative and ToxicPNECPredicted No-Effect ConcentrationREACHRegistration, Evaluation, Authorisation and Restriction of ChemicalsRIDRèglement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)Skin Irrit.irritant to skinSTOT REspecific target organ toxicity - repeated exposureTWAtime-weighted averageVOCVolatile Organic CompoundsVPBvery Persistent and very Bioaccumulative	IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
Index NoInternational of externational environmentindex Nothe index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC)log KOWn-octanol/waterMARPOLInternational Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")Met. Corr.substance or mixture corrosive to metalsNLPNo-Longer PolymerOx. Sol.oxidising solidPBTPersistent, Bioaccumulative and ToxicPNECPredicted No-Effect ConcentrationREACHRegistration, Evaluation, Authorisation and Restriction of ChemicalsRIDRèglement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)Skin Corr.corrosive to skinStoT REspecific target organ toxicity - repeated exposureTWAtime-weighted averageVOCVolatile Organic CompoundsvPvBvery Persistent and very Bioaccumulative	ICAO	International Civil Aviation Organization
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vPvB very Persistent and very Bioaccumulative	TWA	time-weighted average
	VOC	Volatile Organic Compounds
WEL workplace exposure limit	vPvB	very Persistent and very Bioaccumulative
	WEL	workplace exposure limit

- Key literature references and sources for data
 Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU
 Regulation (EC) No. 1272/2008 (CLP, EU GHS)

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H271	may cause fire or explosion; strong oxidiser
H290	may be corrosive to metals
H301	toxic 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
H410	very toxic to aquatic life with long lastingeffects

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

Sodium chlorite 80 %

article number: 9374



<u>Disclaimer</u>

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-upmaterial.