

according to Regulation (EC) No 1907/2006

## Sodium peroxodisulfate solution 110 g/l pure in water

Revision date: 07.02.2025

Product code: 04161

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

### 1.1. Product identifier

Sodium peroxodisulfate solution 110 g/l pure in water

UFI:

D8HC-60SU-T007-9M7N

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

### Use of the substance/mixture

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

### Uses advised against

Do not use for private purposes (household).

### 1.3. Details of the supplier of the safety data sheet

Company name:	AnalytiChem GmbH					
	ACD					
Street:	Stempelstraße 6					
Place:	D-47167 Duisburg					
Telephone:	0203/5194-0	Telefax: 0203/5194-290				
E-mail:	info@analytichem.de					
Contact person:	Abteilung Produktsicherheit	Telephone:0203/5194-107/117				
E-mail:	produktsicherheit@analytichem.de					
Internet:	www.analytichem.de					
Responsible Department:	Abteilung Produktsicherheit					
1.4. Emergency telephone	For Hazardous Materials [or Danger	ous Goods] Incidents Spill, Leak, Fire,				
number:	•	Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)				

#### **Further Information**

This product is a mixture. REACH Registration Number see section 3.

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

### Regulation (EC) No 1272/2008

Ox. Liq. 3; H272 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

## 2.2. Label elements

### Regulation (EC) No 1272/2008

### Hazard components for labelling disodium peroxodisulphate

Signal word:

**Pictograms:** 





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Hazard statements	
H272	May intensify fire; oxidiser.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Precautionary statem	ents
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220	Keep away from clothing and other combustible materials.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

### 2.3. Other hazards

No data available

## **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

### Chemical characterization

Mixtures in aqueous solution

### **Relevant ingredients**

CAS No	Chemical name					
	EC No	Index No	REACH No			
	Classification (Regulation (EC) No 1272/2008)					
7775-27-1	-1 disodium peroxodisulphate					
	231-892-1		01-2119495975-15			
	Ox. Sol. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3; H272 H302 H315 H319 H334 H317 H335					

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

## Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity			
	Specific Conc. Limits, M-factors and ATE					
7775-27-1	231-892-1	disodium peroxodisulphate	10 - < 15 %			
inhalation: LC50 = >= 2,95 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1200 mg/kg						

### **Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

### **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

General information No data available

## After inhalation

Provide fresh air. Call a physician immediately.





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## After contact with skin

Wash immediately with: Water Take off immediately all contaminated clothing and wash it before reuse. Call a physician immediately.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Call a physician immediately.

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

Irritant

Allergic reactions

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

No data available

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

## Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

## Unsuitable extinguishing media

no restriction

### 5.2. Special hazards arising from the substance or mixture

Non-combustible liquids Oxidizing Hazardous combustion products In case of fire may be liberated: Sulphur oxides

#### 5.3. Advice for firefighters

Avoid contact with skin, eyes and clothes. In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

## General advice

Oxidizing

### For non-emergency personnel

- Provide adequate ventilation.
- Use personal protection equipment.
- Avoid contact with skin, eyes and clothes.
- Remove persons to safety.
- Emergency procedures
- Consult an expert

Do not breathe dust/fume/gas/mist/vapours/spray.

### For emergency responders

Precautionary statements For emergency responders : Personal protection equipment: see section 8



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## 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

## 6.3. Methods and material for containment and cleaning up

### For containment

Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Collect in closed and suitable containers for disposal. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

### For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

## Other information

Provide adequate ventilation. Do not breathe dust/fume/gas/mist/vapours/spray. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

### Advice on safe handling

Read label before use. Handle and open container with care. Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Do not breathe vapour/aerosol.

### Advice on protection against fire and explosion

Keep away from combustible material.

#### Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

### Further information on handling

Take off contaminated clothing and wash it before reuse. Wash hands before breaks and after work. Draw up and observe skin protection programme.

## 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Keep container tightly closed and dry.

Close containers in such a way to enable internal pressure to escape (e.g. excess pressure valve).

## Hints on joint storage

Keep away from combustible material. national regulations

### Further information on storage conditions

Keep cool. Protect from sunlight.

## 7.3. Specific end use(s)

Laboratory chemicals

### **SECTION 8: Exposure controls/personal protection**



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## 8.1. Control parameters

## **Occupational exposure limits**

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
7775-27-1	Persulphate salts, inorganic; Sodium persulphate	-	0.1		TWA (8 h)	

### **DNEL/DMEL** values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
7775-27-1	disodium peroxodisulphate			
Worker DNEL,	long-term	inhalation	systemic	2,06 mg/m <sup>3</sup>
Worker DNEL,	acute	inhalation	systemic	590 mg/m³
Worker DNEL,	long-term	inhalation	local	2,06 mg/m <sup>3</sup>
Worker DNEL,	long-term	dermal	systemic	18,2 mg/kg bw/day
Worker DNEL,	acute	dermal	systemic	400 mg/kg bw/day
Worker DNEL,	long-term	dermal	local	0,102 mg/cm <sup>2</sup>
Worker DNEL,	acute	dermal	local	2,248 mg/cm <sup>2</sup>
Consumer DN	EL, long-term	inhalation	systemic	1,03 mg/m <sup>3</sup>
Consumer DN	EL, acute	inhalation	systemic	295 mg/m <sup>3</sup>
Consumer DN	EL, long-term	inhalation	local	1,03 mg/m <sup>3</sup>
Consumer DN	EL, acute	inhalation	local	295 mg/m³
Consumer DN	EL, long-term	dermal	systemic	9,1 mg/kg bw/day
Consumer DN	EL, acute	dermal	systemic	200 mg/kg bw/day
Consumer DN	EL, long-term	dermal	local	0,051 mg/cm <sup>2</sup>
Consumer DN	EL, acute	dermal	local	1,124 mg/cm <sup>2</sup>
Consumer DN	EL, long-term	oral	systemic	9,1 mg/kg bw/day
Consumer DN	EL, acute	oral	systemic	30 mg/kg bw/day

**PNEC** values

CAS No	Substance							
Environmental compartment Value								
7775-27-1	disodium peroxodisulphate							
Freshwater		0,076 mg/l						
Freshwater (i	ntermittent releases)	0,763 mg/l						
Marine water		0,011 mg/l						
Freshwater s	ediment	0,275 mg/kg						
Marine sedim	nent	0,04 mg/kg						
Micro-organis	sms in sewage treatment plants (STP)	3,6 mg/l						
Soil		0,015 mg/kg						

## 8.2. Exposure controls

## Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

## Individual protection measures, such as personal protective equipment



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## Eye/face protection

Suitable eye protection: goggles.

## Hand protection

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: vertrieb@kcl.de With specification (test according to EN374):

By long-term hand contact Trade name/designation: KCL 741 Dermatril® L Recommended material: NBR (Nitrile rubber) 0,11 mm Wearing time with permanent contact: > 480 min

By short-term hand contact Trade name/designation: KCL 741 Dermatril® L Recommended material: NBR (Nitrile rubber) 0,11 mm Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet<(>,<)> supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

### Skin protection

Wear suitable protective clothing.

Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

The choice of body protection depends on the concentration and quantity of hazardous substances. The chemical resistance of protective agents must be clarified with their suppliers.

### **Respiratory protection**

Respiratory protection necessary at: aerosol or mist formation The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

### **Environmental exposure controls**

Do not allow to enter into surface water or drains.

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

### 9.1. Information on basic physical and chemical properties

Physical state: Colour: Odour: Odour threshold:	Liquid colourless odourless No data available	
Melting point/freezing point:		No data available
Boiling point or initial boiling point and boiling range:		No data available
Flammability:		not determined
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		Х
Auto-ignition temperature:		No data available
Decomposition temperature:		No data available
pH-Value:		No data available
Viscosity / kinematic:		No data available



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Revision date: 07.02.2025 Product code: 04161 Solubility in other solvents not determined Dissolution rate: No data available Partition coefficient n-octanol/water: not determined No data available Dispersion stability: Vapour pressure: No data available Vapour pressure: No data available Density: 1,07181 g/cm<sup>3</sup> Relative density: No data available No data available Bulk density: Relative vapour density: not determined Particle characteristics: No data available 9.2. Other information Information with regard to physical hazard classes Explosive properties No data available Sustaining combustion: No data available Self-ignition temperature Solid: not determined Gas: not applicable Oxidizing properties The product is: oxidising, Oxidising. Other safety characteristics Evaporation rate: not determined Solvent separation test: No data available Solvent content: Ω Solid content: 0 Sublimation point: No data available Softening point: No data available No data available Pour point: No data available Viscosity / dynamic: No data available Flow time: No data available **Further Information** 

No data available

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

#### Oxidizing

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures. Protect against: Heat Light

## 10.3. Possibility of hazardous reactions

No data available

## 10.4. Conditions to avoid

Heat Light



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## 10.5. Incompatible materials

No data available

## 10.6. Hazardous decomposition products

In case of fire may be liberated:

SECTION 5: Firefighting measures

## Further information

No data available

## **SECTION 11: Toxicological information**

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

Toxicocinetics, metabolism and distribution

There are no data available on the mixture itself.

### Acute toxicity

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

### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

		-	 	 '		 3	

CAS No	Chemical name									
	Exposure route	Dose		Species	Source	Method				
7775-27-1	disodium peroxodisulphate									
	oral	LD50 mg/kg	1200	Rat	Study report (1979)	OECD Guideline 401				
	dermal	LD50 mg/kg	> 2000	Rat	Study report (1991)	EPA OPP 81-2				
	inhalation (4 h) dust/mist	LC50 mg/l	>= 2,95	Rat	Study report (1989)	EPA OPP 81-3				

### Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

### Sensitising effects

May cause allergy or asthma symptoms or breathing difficulties if inhaled. (disodium peroxodisulphate) May cause an allergic skin reaction. (disodium peroxodisulphate)

### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met. Carcinogenicity: Based on available data, the classification criteria are not met. Reproductive toxicity: Based on available data, the classification criteria are not met.

#### STOT-single exposure

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

### STOT-repeated exposure

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

### Aspiration hazard

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

## Information on likely routes of exposure

There are no data available on the mixture itself.

#### Specific effects in experiment on an animal

There are no data available on the mixture itself.

### Additional information on tests

There are no data available on the mixture itself.



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## **Practical experience**

There are no data available on the mixture itself.

## 11.2. Information on other hazards

## Endocrine disrupting properties

There are no data available on the mixture itself.

#### Other information

There are no data available on the mixture itself.

#### Further information

There are no data available on the mixture itself.

### **SECTION 12: Ecological information**

## 12.1. Toxicity

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

CAS No	Chemical name										
	Aquatic toxicity Dose [h]   [d] Species		Source	Method							
7775-27-1	disodium peroxodisulphate										
	Acute fish toxicity	LC50 mg/l	76,3	96 h	Oncorhynchus mykiss	Study report (1993)	other: FIFRA Guideline 72-1 of the Pesti				
	Acute algae toxicity	ErC50	136 mg/l		Phaeodactylum tricornutum	Study report (1992)	OECD Guideline 201				
	Acute crustacea toxicity	EC50	120 mg/l	48 h	Daphnia magna	Study report (1993)	other: FIFRA Guideline 72-2 of the Pesti				

## 12.2. Persistence and degradability

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

## 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

### 12.4. Mobility in soil

There are no data available on the mixture itself.

## 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

## 12.7. Other adverse effects

Discharge into the environment must be avoided.

## Further information

Do not empty into drains.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

### Disposal recommendations

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Send to a physico-chemical treatment facility under observation of official regulations. Do not mix with other wastes. Do not empty into drains.



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### Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

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

### **SECTION 14: Transport information**

#### Land transport (ADR/RID) UN 3216 14.1. UN number or ID number: PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 14.2. UN proper shipping name: 14.3. Transport hazard class(es): 5.1 14.4. Packing group: Ш Hazard label: 5.1 Classification code: O1Limited quantity: 5 L Excepted quantity: F1 Transport category: 3 Hazard No: 50 Tunnel restriction code: F Inland waterways transport (ADN) UN 3216 14.1. UN number or ID number: 14.2. UN proper shipping name: PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 14.3. Transport hazard class(es): 5.1 14.4. Packing group: ш Hazard label: 5.1 Classification code: 01 Limited quantity: 5 L Excepted quantity: F1 Marine transport (IMDG) UN 3216 14.1. UN number or ID number: 14.2. UN proper shipping name: PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 14.3. Transport hazard class(es): 5.1 14.4. Packing group: Ш Hazard label: 5.1 Special Provisions: Limited quantity: 51 Excepted quantity: E1 EmS: F-A. S-Q Segregation group: heavy metals and their salts (including their organometallic compounds) Air transport (ICAO-TI/IATA-DGR) UN 3216 14.1. UN number or ID number: 14.2. UN proper shipping name: PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 14.3. Transport hazard class(es): 5.1 14.4. Packing group: ш Hazard label: 5.1 **Special Provisions:** A803 Limited quantity Passenger: 1 L Passenger LQ: Y541 Excepted quantity: E1 IATA-packing instructions - Passenger: 551 IATA-max. quantity - Passenger: 2.5 L IATA-packing instructions - Cargo: 555 IATA-max. quantity - Cargo: 30 L



14.5. Environmental hazards         ENVIRONMENTALLY HAZARDOUS:       No         14.6. Special precautions for user       Warning: Oxidising substances.         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         EU regulatory information         Restrictions on use (REACH, annex XVII):         Entry 3         Information according to Directive         2012/18/EU (SEVESO III):         National regulatory information         Employment restrictions:       Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).         Water hazard class (D):       1 - slightly hazardous to water	Sodium peroxodisulfate solution 110 g/l pure in water				
ENVIRONMENTALLY HAZARDOUS: No  14.6. Special precautions for user Warning: Oxidising substances.  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  EU regulatory information Restrictions on use (REACH, annex XVII): Entry 3 Information according to Directive P8 OXIDISING LIQUIDS AND SOLIDS 2012/18/EU (SEVESO III): National regulatory information Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Water hazard class (D): 1 - slightly hazardous to water	date: 07.02.2025	Product code: 04161	Page 11 of 12		
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Warning: Oxidising substances.         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         EU regulatory information Restrictions on use (REACH, annex XVII): Entry 3 Information according to Directive 2012/18/EU (SEVESO III):       P8 OXIDISING LIQUIDS AND SOLIDS 2012/18/EU (SEVESO III):         National regulatory information Employment restrictions:       Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).         Water hazard class (D):       1 - slightly hazardous to water	RONMENTALLY HAZARDOUS:	No			
not applicable         SECTION 15: Regulatory information         15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture         EU regulatory information         Restrictions on use (REACH, annex XVII):         Entry 3         Information according to Directive         2012/18/EU (SEVESO III):         National regulatory information         Employment restrictions:       Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).         Water hazard class (D):       1 - slightly hazardous to water         SECTION 16: Other information	Varning: Oxidising substances.				
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture         EU regulatory information         Restrictions on use (REACH, annex XVII):         Entry 3         Information according to Directive       P8 OXIDISING LIQUIDS AND SOLIDS         2012/18/EU (SEVESO III):         National regulatory information         Employment restrictions:       Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).         Water hazard class (D):       1 - slightly hazardous to water         SECTION 16: Other information		IMO instruments			
EU regulatory information         Restrictions on use (REACH, annex XVII):         Entry 3         Information according to Directive       P8 OXIDISING LIQUIDS AND SOLIDS         2012/18/EU (SEVESO III):       P8 OXIDISING LIQUIDS AND SOLIDS         National regulatory information       Employment restrictions:         Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).         Water hazard class (D):       1 - slightly hazardous to water         SECTION 16: Other information	N 15: Regulatory information				
Restrictions on use (REACH, annex XVII):       Entry 3         Information according to Directive       P8 OXIDISING LIQUIDS AND SOLIDS         2012/18/EU (SEVESO III):       P8 OXIDISING LIQUIDS AND SOLIDS         National regulatory information       Employment restrictions:         Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).         Water hazard class (D):       1 - slightly hazardous to water	fety, health and environmental regula	ations/legislation specific for the substance or mixture			
Entry 3       P8 OXIDISING LIQUIDS AND SOLIDS         2012/18/EU (SEVESO III):       P8 OXIDISING LIQUIDS AND SOLIDS         National regulatory information       Deserve restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).         Water hazard class (D):       1 - slightly hazardous to water         SECTION 16: Other information	egulatory information				
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work protection guideline' (94/33/EC).         Water hazard class (D):       1 - slightly hazardous to water         SECTION 16: Other information	onal regulatory information				
SECTION 16: Other information	oyment restrictions:		enile		
	r hazard class (D):	1 - slightly hazardous to water			
Changes	ON 16: Other information				
Gildilues	1995				
This data sheet contains changes from the previous version in section(s): 1,3,9,12.	-	the previous version in section(s): 1,3,9,12.			
Abbreviations and acronyms	eviations and acronyms				

Ox. Liq: Oxidising liquid Ox. Sol: Oxidising solid Acute Tox: Acute toxicity Skin Irrit: Skin irritation Eye Irrit: Eye irritation Resp. Sens: Respiratory sensitisation Skin Sens: Skin sensitisation STOT SE: Specific target organ toxicity - single exposure ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service LC50: Lethal concentration, 50% LD50: Lethal dose, 50%

### Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Ox. Liq. 3; H272	On basis of test data
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Resp. Sens. 1; H334	Calculation method
Skin Sens. 1; H317	Calculation method

### Relevant H and EUH statements (number and full text)



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Sodium peroxodisulfate solution 110 g/l pure in water				
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H272	May intensify fire; oxidiser.			
H302	Harmful if swallowed.			
H315	Causes skin irritation.			
H317	May cause an allergic skin reaction.			
H319	Causes serious eye irritation.			
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.			
H335	May cause respiratory irritation.			
Further Information				
The above information	on describes exclusively the safety requirements of the product and is based on our			

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-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Provide appropriate information, instructions and training to users

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)