

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

1.1 Product identifier:

Spetec SP

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

/

Concentration in use: /

1.3 Details of the supplier of the safety data sheet:

RESIPLAST NV

Gulkenrodestraat 3

B2160 Wommelgem

Phone: 033200211 — Fax: 033226380

E-mail: info@resiplast.be — Website: <http://www.resiplast.be/>

1.4 Emergency telephone number:

+32 70 245 245

2 SECTION 2: Hazards identification:

2.1 Classification of the substance or mixture:

Classification of the substance or mixture in accordance with regulation (EU) 1272/2008:

H272 Ox. Sol. 3 H302 Acute tox. 4 H315 Skin Irrit. 2 H317 Skin Sens. 1 H319 Eye Irrit. 2
H334 Resp. Sens. 1 H335 STOT SE 3

2.2 Label elements:

Pictograms:



Signal word:

Danger

Hazard statements:

H272 Ox. Sol. 3:	May intensify fire; oxidiser.
H302 Acute tox. 4:	Harmful if swallowed.
H315 Skin Irrit. 2:	Causes skin irritation.
H317 Skin Sens. 1:	May cause an allergic skin reaction.
H319 Eye Irrit. 2:	Causes serious eye irritation.
H334 Resp. Sens. 1:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 STOT SE 3:	May cause respiratory irritation.

Precautionary statements:

P261:	Avoid breathing dust/vapours/spray.
P280:	Wear protective gloves, protective clothing, eye protection, face protection.
P301+P312:	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P342+P311:	If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.
P362+P364:	Take off contaminated clothing and wash it before reuse.
P501:	Dispose of contents/container in accordance with local/regional/national/international regulations.

Contains:

Disodium peroxodisulphate

2.3 Other hazards:

none

3 SECTION 3: Composition/information on ingredients:

Disodium peroxodisulphate	> 30%	CAS number: 7775-27-1 EINECS: REACH Registration number: CLP Classification: H272 Ox. Sol. 3 H302 Acute tox. 4 H315 Skin Irrit. 2 H317 Skin Sens. 1 H319 Eye Irrit. 2 H334 Resp. Sens. 1 H335 STOT SE 3
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For the full text of the H & R phrases mentioned in this section, see section 16.

4 SECTION 4: First aid measures:

4.1 Description of first aid measures:

Always ask medical advice as soon as possible should serious or continuous disturbances occur.

Skin contact:	rinse with water.
Eye contact:	rinse first with plenty of water, if necessary seek medical attention.
Ingestion:	rinse first with plenty of water, if necessary seek medical attention.
Inhalation:	in case of serious or continuous discomforts: remove to fresh air and seek medical attention.

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

Skin contact:	redness, pain
Eye contact:	redness, pain, bad looking
Ingestion:	diarrhoea, headache, abdominal cramps, sleepiness, vomiting
Inhalation:	sore throat, cough, shortness of breath, headache

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

none

5 SECTION 5: Fire-fighting measures:

5.1 Extinguishing media:

CO2, foam, powder, sprayed water

5.2 Special hazards arising from the substance or mixture:

none

5.3 Advice for firefighters:

Extinguishing agents to be avoided: none

6 SECTION 6: Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:

Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts and vapours by staying up wind. Remove any contaminated clothing and used contaminated protective equipment and dispose of it safely.

6.2 Environmental precautions:

do not allow to flow into sewers or open water.

6.3 Methods and material for containment and cleaning up:

Contain released substance, store into suitable containers. If possible remove by using absorbent material.

6.4 Reference to other sections:

for further information check sections 8 & 13.

7 SECTION 7: Handling and storage:

7.1 Precautions for safe handling:

handle with care to avoid spillage.

7.2 Conditions for safe storage, including any incompatibilities:

keep in a sealed container in a closed, frost-free, ventilated room.

7.3 Specific end use(s):

/




8 SECTION 8: Exposure controls/personal protection:

8.1 Control parameters:

Listing of the hazardous ingredients in section 3, of which the TLV value is known

Disodium peroxodisulphate 0.1 mg/m³

8.2 Exposure controls:

Inhalation protection:	if necessary, use an air-purifying face mask in case of respiratory hazards.	
Skin protection:	none	
Eye protection:	keep an eye-rinse bottle within reach. Tight-fitting safety goggles. Wear a face shield and protective suit in case of exceptional processing problems.	
Other protection:	impermeable clothing. The type of protective equipment depends on the concentration and amount of hazardous substances at the work station in question.	

9 SECTION 9: Physical and chemical properties:

9.1 Information on basic physical and chemical properties:

Melting point/melting range:	180 °C
Boiling point/Boiling range:	/
pH:	/
pH 1% diluted in water:	3.5
Vapour pressure/20°C,:	/
Vapour density:	not applicable
Relative density, 20°C:	2.0000 kg/l
Appearance/20°C:	solid
Flash point:	/
Flammability (solid, gas):	not applicable
Auto-ignition temperature:	/
Upper flammability or explosive limit, (Vol %):	/
Lower flammability or explosive limit, (Vol %):	/
Explosive properties:	not applicable
Oxidising properties:	not applicable
Decomposition temperature:	180 °C
Solubility in water:	completely soluble
Partition coefficient: n-octanol/water:	not applicable
Odour:	characteristic

Odour threshold: not applicable
Dynamic viscosity, 20°C: /
Kinematic viscosity, 40°C: /
Evaporation rate (n-BuAc = 1): /

9.2 Other information:

Volatile organic component (VOC): /
Volatile organic component (VOC): 0.000 g/l
Sustained combustion test : /

10 SECTION 10: Stability and reactivity:

10.1 Reactivity:

stable under normal conditions.

10.2 Chemical stability:

extremely high or low temperatures.

10.3 Possibility of hazardous reactions:

none

10.4 Conditions to avoid:

protect from sunlight and do not expose to temperatures exceeding + 50°C.

10.5 Incompatible materials:

oxidants, alkalines

10.6 Hazardous decomposition products:

doesn't decompose with normal use

11 SECTION 11: Toxicological information:

11.1 Information on toxicological effects:

H302 Acute tox. 4: Harmful if swallowed.
H315 Skin Irrit. 2: Causes skin irritation.
H317 Skin Sens. 1: May cause an allergic skin reaction.
H319 Eye Irrit. 2: Causes serious eye irritation.
H334 Resp. Sens. 1: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 STOT SE 3: May cause respiratory irritation.

Calculated acute toxicity, ATE oral: 930.000 mg/kg

Calculated acute toxicity, ATE dermal: /

Disodium peroxodisulphate	LD50 oral, rat:	930 mg/kg
	LD50 dermal, rabbit:	≥ 5,000 mg/kg
	LC50, Inhalation, rat, 4h:	≥ 50 mg/l

12 SECTION 12: Ecological information:

12.1 Toxicity:

No additional data available

12.2 Persistence and degradability:

No additional data available

12.3 Bioaccumulative potential:

No additional data available

12.4 Mobility in soil:

Water hazard class, WGK: 1
Solubility in water: completely soluble

12.5 Results of PBT and vPvB assessment:

No additional data available

12.6 Other adverse effects:

No additional data available

13 SECTION 13: Disposal considerations:

13.1 Waste treatment methods:

Draining into the sewers is not permitted. Removal should be carried out by licensed services. Possible restrictive regulations by local authority should always be adhered to.

14 SECTION 14: Transport information:

14.1 UN number:

1479

14.2 UN proper shipping name:

UN 1479 Oxidizing solid, n.o.s. (mixture with Disodium peroxodisulphate) , 5.1, III, (E)

14.3 Transport hazard class(es):

Class(es): 5.1
Identification number of the hazard: not applicable

14.4 Packing group:

III

14.5 Environmental hazards:

not dangerous to the environment

14.6 Special precautions for user:

Hazard characteristics: Risk of ignition and explosion. Risk of vigorous reaction, ignition and explosion in contact with combustible or flammable substances.

Additional guidance: Avoid mixing with flammable or combustible substances (e.g. sawdust).



15 SECTION 15: Regulatory information:

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

Water hazard class, WGK: 1

Volatile organic component (VOC): /

Volatile organic component (VOC): 0.000 g/l

Composition by regulation (EC 648/2004): Oxygen-based bleaching agents > 30%

15.2 Chemical Safety Assessment:

No data available

16 SECTION 16: Other information:

Legend to abbreviations used in the safety data sheet:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

BCF: Bioconcentration factor

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging of chemicals

EINECS: European INventory of Existing Commercial chemical Substances

Nr.: number

PTB: persistent, toxic, bioaccumulative

TLV: Threshold Limit Value

vPvB: very persistent and very bioaccumulative substances

WGK: Water hazard class

WGK 1: slightly hazardous for water

WGK 2: hazardous for water

WGK 3: extremely hazardous for water

Legend to the H Phrases used in the safety data sheet:

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H319 Eye Irrit. 2: Causes serious eye irritation. **H334 Resp. Sens. 1:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. **H335 STOT SE 3:** May cause respiratory irritation.

Reason of revision, changes of following items:

not applicable

MSDS reference number:

ECM-110389,00

This safety information sheet has been compiled in accordance with annex II/A of the regulation (EU) No 2015/830. Classification has been calculated in accordance with European regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care. We cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned. To use this preparation for an experiment or a new application, the user must carry out a material suitability and safety study himself.