

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product identifier:

Product name: SODIUM PERCARBONATE COATED
REACH registered number(s): 01-2119457268-30-XXXX
CAS number: 15630-89-4
EINECS number: 239-707-6
Synonyms: SODIUM CARBONATE PEROXYHYDRATE

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

Use of substance / mixture: Food bleach. Bleaching agent (laundry detergents, textile processing). Dyestuffs oxidation reagent.

Company name: Nexchem Ltd
 Unit 3 Barshaw Park
 Leycroft Road
 Leicester
 LE4 1ET
 Tel: 0116 2311130
 24/7 Emergency Tel: 0800 246 1274
 Email: sales@nexchem.co.uk

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Classification under CLP: Ox. Sol. 2: H272; Acute Tox. 4: H302; Eye Dam. 1: H318

Most important adverse effects: May intensify fire; oxidiser. Harmful if swallowed. Causes serious eye damage.

Label elements:

Hazard statements: * H272: May intensify fire; oxidiser.
 H302: Harmful if swallowed.
 H318: Causes serious eye damage.

Hazard pictograms: GHS03: Flame over circle
 GHS07: Exclamation mark
 GHS05: Corrosion



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Signal words: Danger

Precautionary statements:

- * P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P221: Take any precaution to avoid mixing with combustibles.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310: Immediately call a POISON CENTER/doctor/physician.
- P501: Dispose of contents/container to hazardous or special waste collection point.

Other hazards:

PBT: This product is not identified as a PBT/vPvB substance.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances:

Chemical identity: SODIUM PERCARBONATE COATED
CAS number: 15630-89-4
EINECS number: 239-707-6
REACH registered number(s): 01-2119457269-30-XXXX

4. FIRST AID MEASURES

Description of first aid measures:

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

Most important symptoms and effects, both acute and delayed:

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed/ immediate effects: Immediate effects can be expected after short-term exposure.

Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Special hazards arising from the substance or mixture:

Exposure hazards: In combustion emits toxic fumes.

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

Environmental precautions: Do not discharge into drains or rivers.

Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

7. HANDLING AND STORAGE

Precautions for safe handling:

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

Conditions for safe storage, including any incompatibilities:

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Specific end use(s): No special requirement.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Workplace exposure limits:		Respirable dust		
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	5 mg/m ³	-

DNEL/PNEC Values:

DNEL / PNEC: No data available.

[cont...]

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Exposure controls:	
Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.
Hand protection:	Protective gloves.
Eye protection:	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection:	Protective clothing.
Environmental:	Refer to specific Member State legislation for requirements under Community environmental legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

State:	Crystals	
Colour:	White	
Odour:	Characteristic odour	
Evaporation rate:	No data available.	
Oxidising:	Oxidising (by EC criteria)	
Solubility in water:	Soluble	
Viscosity:	No data available.	
Boiling point/range°C:	No data available.	
Melting point/range°C:	No data available.	
Flammability limits %:	lower: No data available.	upper: No data available.
Flash point°C:	No data available.	
Part.coeff. n-octanol/water:	No data available.	
Autoflammability°C:	No data available.	
Vapour pressure:	No data available.	
Relative density:	0.8-1.0	
pH:	10.5	
VOC g/l:	No data available.	
Other information:	No data available.	

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions:

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid: Heat. Sources of ignition.

Incompatible materials:

Materials to avoid: Strong oxidising agents. Strong acids.

[cont...]

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Hazardous decomposition products:

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	>2000	mg/kg
ORL	RAT	LD50	1050	mg/kg
DUST/MIST	RAT	4H LC50	4.58	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure:

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity values:

Species	Test	Value	Units
DAPHNIA	48H EC50	4.9	mg/l
FATHEAD MINNOWS	96H LC50	70.7	mg/l

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Mobility in soil:

Mobility: Soluble in water.

Results of PBT and vPvB assessment:

PBT identification: This product is not identified as a PBT/vPvB substance.

Other adverse effects: Toxic to aquatic organisms.

[cont...]

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal operations: Deposit into or on to land (e.g. landfill, etc.)

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

UN number: UN3378

UN proper shipping name:

Shipping name: SODIUM CARBONATE PEROXYHYDRATE

Transport hazard class(es):

Transport class: 5.1

Packing group: II

Environmental hazards:

Environmentally hazardous: No

Marine pollutant: No

Special precautions for user:

Special precautions: No special precautions.

Tunnel code: E

Transport category: 2

15. REGULATORY INFORMATION

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

Specific regulations: This product is a Seveso category/named substance in Annex I of Council Directive 96/82/EC.

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Note: The regulatory information given above only indicates the principal regulations specifically Applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information:	<p>This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.</p> <p>This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008. *indicates text in the SDS which has changed since the last revision.</p>
Phrases used in s.2 and s.3:	<p>H272: May intensify fire; oxidiser.</p> <p>H302: Harmful if swallowed.</p> <p>H318: Causes serious eye damage.</p>
Legal disclaimer:	<p>The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Nexchem Ltd who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.</p>