

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 SDS Reference Number: Periodic review of SDS 07/10/2027 Issue date: 07/10/2024 Version: 1.0

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

1.1. Product identifier

Product form Mixture

Product name Sodium Percarbonate

Type of product oxygen-based bleaching agents

Other means of identification Sodium carbonate-hydrogen peroxide adduct

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Professional use.Consumer use

Industrial/Professional use spec : Industrial Use of the substance/mixture

Bleaching agents

Cleaning agent Disinfectant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wessex Chemical Factors Ltd 17 Crane Way Woolsbridge Industrial Park Three Legged Cross Wimborne

Dorset **BH21 6FA**

Telephone: +44 (0) 1202 823 699

E-mail: info@wessexchemicalfactors.co.uk www.wessexchemicalfactors.co.uk

1.4. Emergency telephone number

Emergency number

: In the event of a medical incident involving this product, please contact your doctor or local hospital accident and emergency department. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. Customer Service (Technical) +44 (0) 1202 823 699

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Oxidising Solids, Category 3 H272 H302 Acute toxicity (oral), Category 4 Serious eye damage/eye irritation, Category 1 H318

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

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP) : Danger

: sodium percarbonate peroxyhydrate Contains Hazard statements (CLP) : H272 - May intensify fire; oxidiser. H302 - Harmful if swallowed.

H318 - Causes serious eye damage.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

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.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product. P280 - Wear eye protection, protective gloves, protective clothing.

P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

doctor, a POISON CENTER.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

Child-resistant fastening Not applicable Tactile warning Applicable

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium percarbonate peroxyhydrate	CAS-No.: 15630-89-4 EC-No.: 239-707-6 REACH-no: 01-2119457268- 30-XXXX	≥ 60	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
sodium carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498- 19-XXXX	5 – 15	Eye Irrit. 2, H319

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water,

followed by warm water rinse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a

POISON CENTER/doctor if you feel unwell.

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

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : May intensify fire; oxidiser.

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of

burns and injuries.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment. Fight fire remotely

due to the risk of explosion.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No open flames. No smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away

from other materials.

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6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Take any precaution to avoid mixing with combustibles...

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands, forearms and face

thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep

container closed when not in use. Keep in fireproof place.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources. combustible materials.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Sodium Percarbonate		
DNEL/DMEL (Workers)		
Acute - local effects, dermal	12.8 mg/cm²	
Long-term - local effects, inhalation	5 mg/m³	
DNEL/DMEL (General population)		
Acute - local effects, dermal	6.4 mg/cm ²	

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure that there is a suitable ventilation system.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure. Protective clothing. Wear protective gloves.

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Personal protective equipment symbol(s):







8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Protective clothing

Hand protection:

PVC gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Granular powder.

Molecular mass : 314.06 g/mol

Colour : white.

Odour : odourless.

Odour threshold : No data available

pH : 10.4 – 10.6

pH solution concentration : 1 %

pH solution concentration Relative evaporation rate (butylacetate=1) : No data available : No data available Melting point : No data available Freezing point Boiling point : No data available Flash point : No data available Auto-ignition temperature : No data available : > 110 °C Decomposition temperature Flammability (solid, gas) : Non flammable.

Vapour pressure : No data available Relative vapour density at 20°C : No data available Relative density : 2.01 – 2.16 Solubility : Water: 140 g/l Partition coefficient n-octanol/water (Log Pow) : No data available : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosive properties

Oxidising properties : May intensify fire; oxidiser.

Explosive limits : No data available

9.2. Other information

Bulk density : $850 - 1200 \text{ kg/m}^3$

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

May intensify fire; oxidiser.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Overheating. Open flame.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

	_	_	_	
Sod	ium	Perca	rhor	nate

LD50 oral rat

ATE CLP (oral) 1034 mg/kg bodyweight

sodium percarbonate peroxyhydrate (15630-89-4)

LD50 dermal rabbit	2001 mg/kg bodyweight Animal: rabbit, Guideline: other:EPA Guideline

1034 mg/kg

sodium carbonate (497-19-8)

LD50 oral rat	2800 mg/kg bodyweight Animal: rat	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:	
LC50 Inhalation - Rat	2300 mg/l	

Skin corrosion/irritation : Not classified pH: 10.4 – 10.6

Additional information : Based on available data, the classification criteria are not met

sodium percarbonate peroxyhydrate (15630-89-4)

рН	10.4 – 10.6
sodium carbonate (497-19-8)	
рН	> 11

Serious eye damage/irritation : Causes serious eye damage.

pH: 10.4 – 10.6

sodium percarbonate peroxyhydrate (15630-89-4)

pН	10.4 – 10.6

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sodium carbonate (497-19-8)		
рН		> 11
Respiratory or skin sensitisation	:	Not classified
Additional information	:	Based on available data, the classification criteria are not met
Germ cell mutagenicity	:	Not classified
Additional information	:	Based on available data, the classification criteria are not met
Carcinogenicity	:	Not classified
Additional information	:	Based on available data, the classification criteria are not met
Reproductive toxicity	:	Not classified
Additional information	:	Based on available data, the classification criteria are not met
STOT-single exposure	:	Not classified
Additional information	:	Based on available data, the classification criteria are not met
STOT-repeated exposure	:	Not classified
Additional information	:	Based on available data, the classification criteria are not met
Aspiration hazard	:	Not classified
Additional information	:	Based on available data, the classification criteria are not met
sodium carbonate (497-19-8)		
Viscosity, kinematic		Not applicable
Potential adverse human health effects and symptoms	:	Harmful if swallowed.

SECTION 12: Ecological information

2.1			

Ecology - water	: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect
	on the environment.
Hazardous to the aquatic environment, short–term (acute)	: Not classified
Hazardous to the aquatic environment, long–term (chronic)	: Not classified
Additional information	: Sodium percarbonate dissociates into sodium carbonate and hydrogen peroxide in the environment.
	environment.

sodium percarbonate peroxyhydrate (15630-89-4)		
LC50 - Fish [1]	71 mg/l Test organsim (species): Pimephales promelas	
EC50 - Crustacea [1]	4.9 mg/l Test organisms (species): Daphnia pulex	
NOEC chronic fish	7.4 mg/l Pimephales promelas (Fat-head Minnow)	
NOEC chronic crustacea	2 mg/l Daphnia magna	
sodium carbonate (497-19-8)		
LC50 - Fish [1]	300 mg/l Test organisms (species): Lepomis macrochirus	
EC50 - Crustacea [1]	200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.	
EC50 72h - Algae [1] > 100 mg/l Practically non toxic to algae, but extreme pH can effect vigour		

12.2. Persistence and degradability

Sodium Percarbonate	
Persistence and degradability	Not established.

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sodium percarbonate peroxyhydrate (15630-89-4)		
Persistence and degradability Rapidly degradable		
sodium carbonate (497-19-8)		
Persistence and degradability	Substance will dissociate upon contact with water, the only effect is the pH effect, therefore after passing through the sewage treatment plant exposure is considered negligible and with no risk.	

12.3. Bioaccumulative potential

Sodium Percarbonate	
Bioaccumulative potential Sodium percarbonate and its dissociation products shows a negligible potential for bioaccumulation in living organisms.	
sodium carbonate (497-19-8)	
Bioaccumulative potential	No bioaccumulation.

12.4. Mobility in soil

sodium carbonate (497-19-8)	
Ecology - soil	Soluble material/quickly disperses in water.

12.5. Results of PBT and vPvB assessment

Component	
sodium percarbonate peroxyhydrate (15630-89-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
sodium carbonate (497-19-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of

contents/container to hazardous or special waste collection point, in accordance with local,

regional, national and/or international regulation.

Ecological waste information : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 3378	UN 3378	UN 3378	UN 3378	UN 3378
14.2. UN proper shippin	g name			
SODIUM CARBONATE PEROXYHYDRATE	SODIUM CARBONATE PEROXYHYDRATE	Sodium carbonate peroxyhydrate	SODIUM CARBONATE PEROXYHYDRATE	SODIUM CARBONATE PEROXYHYDRATE

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ADR	IMDG	IATA	ADN	RID
Transport document descr	iption			
UN 3378 SODIUM CARBONATE PEROXYHYDRATE, 5.1, III, (E)	UN 3378 SODIUM CARBONATE PEROXYHYDRATE, 5.1, III	UN 3378 Sodium carbonate peroxyhydrate, 5.1, III	UN 3378 SODIUM CARBONATE PEROXYHYDRATE, 5.1, III	UN 3378 SODIUM CARBONATE PEROXYHYDRATE, 5.1, III
14.3. Transport hazard	class(es)			
5.1	5.1	5.1	5.1	5.1
5.1	5.1	5.1	5.1	5.1
14.4. Packing group				
III	III	III	III	III
14.5. Environmental haz	ards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information	n available		1	1

14.6. Special precautions for user

Overland transport

Classification code (ADR) : O2
Limited quantities (ADR) : 5kg
Excepted quantities (ADR) : E1

Packing instructions (ADR) : P002, IBC08, LP02, R001

Special packing provisions (ADR) : B3
Mixed packing provisions (ADR) : MP10

Portable tank and bulk container instructions (ADR) $\,\,$: T1, BK1, BK2, BK3

Portable tank and bulk container special provisions

(ADR)

Tank code (ADR): SGAVTank special provisions (ADR): TU3Vehicle for tank carriage: ATTransport category (ADR): 3

Special provisions for carriage - Bulk (ADR) : VC1, VC2, AP6, AP7

Special provisions for carriage - Loading, unloading : CV24

and handling (ADR)

Hazard identification number (Kemler No.) : 50

Orange plates :

50 3378

Tunnel restriction code (ADR) : E EAC code : 1Y

Transport by sea

Special provisions (IMDG): 967Limited quantities (IMDG): 5 kgExcepted quantities (IMDG): E1Packing instructions (IMDG): P002, LP02IBC packing instructions (IMDG): IBC08IBC special provisions (IMDG): B3Tank instructions (IMDG): T1, BK2, BK3

Tank special provisions (IMDG) : TP33

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EmS-No. (Fire): F-AEmS-No. (Spillage): S-QStowage category (IMDG): A

Stowage and handling (IMDG) : SW1, SW23, H1 Segregation (IMDG) : SGG16, SG59

Properties and observations (IMDG) : White crystals or powder. Soluble in water. Mixtures with combustible material are readily

ignited. Decomposes in contact with water and acids, forming hydrogen peroxide. Risk of decomposition when exposed to continuous heat (exothermic decomposition \geq 60°C). When involved in a fire or exposed to high temperatures, it may decompose yielding oxygen and

steam. Irritating to eyes, skin and mucous membranes. Harmful if swallowed.

Air transport

PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) Y546 PCA limited quantity max net quantity (IATA) 10kg PCA packing instructions (IATA) 559 PCA max net quantity (IATA) : 25kg CAO packing instructions (IATA) : 563 CAO max net quantity (IATA) : 100kg Special provisions (IATA) : A803 ERG code (IATA) : 5L

Inland waterway transport

Classification code (ADN) : O2
Limited quantities (ADN) : 5 kg
Excepted quantities (ADN) : E1
Equipment required (ADN) : PP
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : O2
Limited quantities (RID) : 5kg
Excepted quantities (RID) : E1

Packing instructions (RID) : P002, IBC08, LP02, R001

Special packing provisions (RID) : B3
Mixed packing provisions (RID) : MP10

Portable tank and bulk container instructions (RID) : T1, BK1, BK2, BK3

Portable tank and bulk container special provisions : TP33

(RID)

Tank codes for RID tanks (RID) : SGAV
Special provisions for RID tanks (RID) : TU3
Transport category (RID) : 3

Special provisions for carriage – Bulk (RID) : VC1, VC2, AP6, AP7

Special provisions for carriage - Loading, unloading : CW24

and handling (RID)

Colis express (express parcels) (RID) : CE11 Hazard identification number (RID) : 50

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

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REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and

amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H272	May intensify fire; oxidiser.	
H302	Harmful if swallowed.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
Ox. Sol. 3	Oxidising Solids, Category 3	

Safety Data Sheet applicable for regions : GB - United Kingdom

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

07/10/2024 (Issue date) EN (English) 11/11