



绍兴上虞洁华化工有限公司

Shaoxing Shangyu Jiehua Chemical Co., Ltd.

Chemical Safety Data Sheet

Section 1 Product and Company Identification

Product Name	Sodium Percarbonate
Manufacturer name	SHAOXIN SHANGYU JIEHUA CHEMICAL CO., LTD.
Manufacturer address	Weiyi East Road 1# , Hangzhou Bay Shangyu economic and Technological Development Area, Zhejiang Province P. R. China
Manufacturer post code	312300
Manufacturer fax	+86-575-82211434
Manufacturer email	wangyan@shangyuchem.com/wjy-8012@163.com
Emergency number	+86-532-83889090
Effective date	Dec 28, 2015

Section 2 Hazards Identification

Hazard class and label elements of the substance according to GHS(the fifth revised edition):

GHS hazard class

Physical hazard(s)	Oxidizing solids	Category1
Health hazard(s)	Skin corrosion/irritation	category1b
	Serious eye damage/eye irritation	category1a

Pictogram





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Signal	Danger
Hazard statement(s)	H272 May intensify fire; oxidizer. H302 Harmful if swallowed. H318 Causes severe eye damage. H331 Toxic if inhaled. H335 May cause respiratory irritation.
Precautionary statements	H201 Obtain special instructions before use. H202 Do not handle until all safety precautions have been read and understood.
Prevention	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. P221 Take any precaution to avoid mixing with combustibles. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 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. P312 Call a POISON CENTER/doctor/if you feel unwell. P363 Wash contaminated clothing before reuse.
Storage	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.
Disposal	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.



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Section 3 Composition/Information on Ingredients

Component	Concentration (%)	CAS No.	EC No.
Sodium Percarbonate	85	15630-89-4	239-707-6
Sodium Carbonate	13	497-19-8	207-838-8
Water	2	7732-18-5	231-791-2

Section 4 First Aid Measures

- After skin contact** Immediate flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. If irritation persist, get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
- After eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical advice.
- After ingestion** If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Loosen tight clothing such as a collar, tie, belt or waistband the substance. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek immediate medical attention.
- After inhalation** Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention.



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Section 5 Fire Fighting Measures

Hazardous products of combustion	Sodium carbonate, Sodium oxides.
Extinguishing method	water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Section 6 Accidental Release Measure

Personal protective measures	Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away.
Environmental protective measures	Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.
Methods for taking in and cleaning up	Sweep up, Then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation. Clean contaminated surface thoroughly.

Section 7 Handling and Storage

Handling	Avoid contact with skin, eyes, mucous membranes and clothing. In case of insufficient ventilation, wear Suitable respiratory equipment. Avoid formation of dust and aerosols.
Storage	Keep in a cool, dry, well-ventilated place. Keep tightly closed until used. Store away from incompatible substance such as reducing agents, heavy metal salts.

Section 8 Exposure Controls/Personal Protection

Engineering Controls



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Respiratory protection	Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Eye protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hand Protection	Use safety glasses with side shields or safety goggles as mechanical barrier for prolonged exposure.
Body protection	Wear appropriate chemical resistant gloves.
Do not get this material in contact with skin, Do not get this material on clothing,	Use clean protective body-covering as needed to minimize contact with clothing and skin.

Section 9 Physical and Chemical Properties

Appearance	White, free-flowing granule
Odour	No data available
Odour Threshold	No data available
pH	10.5
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density(g/L)	900-1200
Water solubility(g/L,20°C)	150
Partition coefficient: noctanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	≥55°C
Viscosity	No data available



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Section 10 Stability and Reactivity

Reactive	No data available.
Chemical stability	This is a stable chemical under the recommended storage condition.
Possibility of hazardous reactions	Potential for exothermic hazard.
Avoid conditions	Incompatible substance, moisture.
Incompatible materials	Avoid contact with strong reducing agents, Heavy metal salts.
Hazardous decomposition products	Sodium carbonate, Sodium oxides.

Section 11 Toxicological Information

Acute toxicity: Sodium perborate monohydrate:

LD50 (Oral, rat): 1034 mg/kg;

LD50 (Inhale, rat): >4580 mg/kg;

LD50 (Dermal, rabbit): >2000 mg/kg.

Skin corrosion/irritation: Cause skin irritation.

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

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity – single exposure: No data available.

Specific target organ toxicity – repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12 Ecological Information



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Toxicity: No data available.

Persistence and degradability: Readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Section 13 Disposal Considerations

Property of waste: Hazardous Waste.

Methods of disposal: Contact a licensed professional waste disposal service to disposal of this material.
Dispose of in accordance with local Environment regulations or local authority Requirement.

Precautions of disposal: Professional processing together.

Section 14 Transport Information

UN number: 3378

UN proper shipping name: SODIUM PERCARBONATE

Transportation primary hazard class: 5.1

Transportation secondary hazard class: —

Packing group: II

Section 15 Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Sodium Percarbonate	√	√	√	√
Sodium Carbonate	√	√	√	√
Water	√	√	√	√

Note 1:

CHINA - China Inventory of Existing Chemical Substances (IECSC)



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TSCA - United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)

ENCS - Japan Existing and New Chemical Substances (ENCS)

EINECS - European Inventory of Existing Commercial Chemical Substances (EINECS)

Note 2:

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

Section 16 Additional Information

This Safety Data Sheet (SDS) was prepared according to UN GHS (the fifth revised edition), is only for users reference. Users should make their independent judgment of suitability of these information for their particular purposes.