



# 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

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

<b>Physical hazard(s)</b>	Oxidizing solids	category2
<b>Health hazard(s)</b>	Skin corrosion/irritation	category1
	Serious eye damage/eye irritation	category1
	Specific target organ toxicity, single exposure; Respiratory tract irritation	category3

**Pictogram**



**Signal**

**Hazard statement(s)**



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	H272 May intensify fire;oxidier
	H314 Causes severe skin burns and eye damage
<b>Precautionary statements</b>	H335 May cause respiratory irritation
<b>Prevention</b>	
	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.
	P264 Wash thoroughly after handling.
	P271 Use only outdoors or in a well-ventilated area.
	P280 Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	
	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.
<b>Storage</b>	
	P363 Wash contaminated clothing before reuse.
	P403+P233 Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal</b>	
	P405 Store locked up.
<b>Danger</b>	P501 Dispose of contents/container in accordance with local/ regional/ /national/international regulations.



## Section 3 Composition/Information on Ingredients

Component	Concentration (%)	CAS No.	EC No.
Calcium Peroxide	70-80	1305-79-9	215-139-4
Water	0-2	7732-18-5	231-791-2
Calcium Hydroxide	18-28	1305-62-0	215-137-3

## Section 4 First Aid Measures

<b>After skin contact</b>	Take off the contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
<b>After eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>After ingestion</b>	Do Not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>After inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

## Section 5 Fire Fighting Measures

<b>Hazardous products of combustion</b>	No data available
<b>Extinguishing method</b>	Use dry chemical or sand.
<b>Special protective equipment</b>	Wear self contained breathing apparatus for fire fighting if necessary.



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## Section 6 Accidental Release Measure

<b>Personal protective measures</b>	Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
<b>Environmental protective measures</b>	Prevent the spills inflow to a sewer and then place in suitable container.
<b>Methods for taking in and cleaning up</b>	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7 Handling and Storage

<b>Handling</b>	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
<b>Storage</b>	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## Section 8 Exposure Controls/Personal Protection

<b>Engineering Controls</b>	Safety shower and eye bath. Mechanical exhaust required.
<b>Respiratory protection</b>	Use a full-face supplied air respirator.
<b>Eye protection</b>	Wear chemical goggles.
<b>Hand Protection</b>	Wear impervious chemical resistant gloves.
<b>Body protection</b>	Protective work clothing.



## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Light yellow solid
<b>Odour</b>	No data available
<b>Odour Threshold</b>	No data available
<b>pH</b>	11~13
<b>Melting point/freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density (g/L)</b>	500~650
<b>Water solubility</b>	Practically Insoluble
<b>Partition coefficient: noctanol/water</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	275°C
<b>Viscosity</b>	No data available

## Section 10 Stability and Reactivity

<b>Reactive</b>	No data available.
<b>Chemical stability</b>	Stable under the condition recommended.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Avoid conditions</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Strong reducing agent, water, acids, flammable materials.
<b>Hazardous decomposition products</b>	No data available.



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## Section 11 Toxicological Information

**Acute toxicity:** Calcium hydroxide: LD<sub>50</sub>(rat,Oral) 7340mg/kg

**Skin corrosion/irritation:** Cause serious skin burns.

**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

**Toxicity:** No data available.

**Persistence and degradability:** No data available.

**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:** Dispose of in a manner consistent with federal, state, and local regulations.

**Precautions of disposal:** Professional processing together.



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## Section 14 Transport Information

UN number: 1457

UN proper shipping name: CALCIUM PEROXIDE

Transportation primary hazard class: 5.1

Transportation secondary hazard class: —

Packing group: II

## Section 15 Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Calcium peroxide	√	√	√	√
Water	√	√	√	√
Calcium hydroxide	√	√	√	√

### Note 1:

CHINA - China Inventory of Existing Chemical Substances (IECSC)

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.