

Phosphoric Acid

Component: Phosphoric Acid 85%,
water 10%



Danger

UN 1805
PHOSPHORIC ACID,
SOLUTION

Please refer to Safety Data Sheet (SDS)

Manufacturer
SiChuan ShiFang DingLi Phosphate Chemical Co., Ltd

Address
Economic Development Zone(North Area), ShiFang City,
Sichuan Province, China

Post code
618400

Tel
+86-838-5962992

Accident emergency call:
+86-838-5962991

Instructions for use:

Loading Weight: **Batch Number:**
Gross Weight: **Loading Date:**
Validity:

Hazard Statements

May be corrosive to metals
Causes severe skin burns and eye damage

Prevention

Keep only in original packaging.
Do not breathe dusts or mists.
Wash the contact area thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get emergency medical help immediately.
Specific treatment (see section 4 on this data sheet)
Wash contaminated clothing before reuse.
Absorb spillage to prevent material damage.

Storage

Store locked up.
Store in a corrosion resistant/container with a resistant inner liner.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.



SAFETY DATA SHEET (SDS)

Product name: Phosphoric Acid
Date prepared: Apr 6, 2021

Operation number: 202102757

Inspection number: 202100667

Section 1 - Product and Company Identification

Product name Phosphoric Acid
Applicant name SiChuan ShiFang DingLi Phosphate Chemical Co., Ltd
Application address Economic Development Zone(North Area),ShiFang City. Sichuan Province. China
Applicant post code 618400
Applicant fax +86-838-8520663
Applicant emergency number +86-838-5962991
Applicant email Wxj3909@163.com
Manufacturer name SiChuan ShiFang DingLi Phosphate Chemical Co., Ltd
Manufacturer address Economic Development Zone(North Area),ShiFang City. Sichuan Province. China
Manufacturer post code 618400
Manufacturer fax +86-838-8520663
Manufacturer emergency number +86-838-5962991
Recommended and restricted USES /。

Section 2 - Hazards Identification

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

GHS hazard class

Physical hazard	Corrosive to metals	Category 1
Health hazards	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1

Pictogram



Signal

Danger

Hazard statements

H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage

Prevention

P234 Keep only in original packaging.
P260 Do not breathe dusts or mists.
P264 Wash the contact area thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P361 + P354 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P354 + P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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P316 Get emergency medical help immediately.
P321 Specific treatment (see section 4 on this data sheet)
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.
P405 Store locked up.
P406 Store in a corrosion resistant/container with a resistant inner liner.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Storage

Disposal

Section 3 – Composition/Information on Ingredients

Component	Concentration (%)	CAS No.	EC No.
Phosphoric Acid	85	7664-38-2	231-633-2
water	10	7732-18-5	231-791-2

Section 4 – First Aid Measures

After skin contact For patients with coma symptoms, or loss of consciousness, to prohibit oral given anything. Call poison control center or medical treatment. If possible, use a safety shower. If you touch skin or hair: Immediately remove the contaminated clothing, including shoes, quickly with a large number of mobile water continuous washing contaminated parts, contaminated clothing can only be worn after cleaning.

After eye contact Call poison control center or medical treatment. Immediately clenched eyelids, rinse with flowing water, at least to ensure that the rinse for 15 minutes. Chemical burns must be treated immediately by a doctor. Such as contact with eyes: After the eyes are injured, contact lenses can only be removed by specially trained personnel.

After ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

After inhalation If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Section 5 – Fire Fighting Measures

Hazardous products of combustion Phosphorus Oxides, Hydrogen phosphate vapor.

Extinguishing method Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment Wear full body fire fighting suit and self contained breathing apparatus for fire-fighting.

Section 6 – Accidental Release Measure

Personal protective measures Wear protective clothing, rubber gloves, protective glasses and masks. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental protective measures Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods for taking in and cleaning up Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.



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Section 7 – Handling and Storage

Safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage	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

Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Employers may need to use multiple types of controls to prevent excessive exposure to employees. Held in original containers or approved substitutes made of compatible materials, kept in a closed container when not in use. Under normal circumstances, the use of local exhaust, ventilation and general ventilation can be achieved in the appropriate ventilation. There are equipment for rinsing eyes and skin. The size of the respirator must be moderate to achieve adequate protection.
Respiratory protection	Where protection from nuisance levels of dusts are desired, use dust masks. When the engineering and management controls can not effectively prevent exposure, it may be necessary to use a respirator. Positive pressure air supply protective mask (air supply masks, self-contained breathing apparatus).
Hand Protection	Handle with gloves. Gloves must be inspected prior to use and remove. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection	Wear safety glasses with side-shields.
Skin and body protection	Complete suit protecting against chemicals., the type of protective equipment must be based on the specific workplace in the concentration of dangerous substances and content to choose.

Section 9 – Physical and Chemical Properties

Physical state: Transparent liquid	Color: Colorless
Odor: No data available	pH value: No data available
Melting point/freezing point(°C): No data available	Initial boiling point and boiling range(°C): No data available
Flash point(°C)(closed cup): No data available	Flammability: No data available
Upper explosive limit%(V/V): No data available	Lower explosive limit%(V/V): No data available
Vapor pressure (MPa): No data available	Vapor density (g/mL): No data available
Relative density(g/cm³): No data available	Solubility: No data available
Octanol / water partition coefficient: No data available	Kinematic viscosity (mm²/s): No data available
Auto-ignition temperature(°C): No data available	Decomposition temperature(°C): No data available
Particle characteristics: No data available	

Section 10 – Stability and Reactivity

Reactive	No data available.
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Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Avoid conditions	No data available.
Incompatible materials	Strong bases and powdered metals.
Hazardous decomposition products	Phosphorus Oxides , Hydrogen phosphate vapor.

Section 11 – Toxicological Information

Acute toxicity: No data available.
Skin corrosion/irritation: Causes severe skin burns.
Serious eye damage/eye irritation: Causes severe 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: No data available.
Methods of disposal: Dispose of in a manner consistent with federal, state, and local regulations. Burning method is recommended.
Precautions of disposal: Contact a licensed professional waste disposal service to dispose of this material.

Section 14 - Transport Information

UN number: 1805
UN proper shipping name: PHOSPHORIC ACID, SOLUTION
Transportation primary hazard class: 8
Transportation secondary hazard class: —
Packing group: III

Section 15 - Regulatory Information

Component	CHINA	TSCA	NZIoC	EINECS
Phosphoric acid	√	√	√	√

Note 1:

CHINA - Catalog of Hazardous Chemicals (2015)



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

NZIoC - New Zealand Inventory of Chemicals (NZIoC)

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

Prepared by: Chengdu Customs Technological Center

Completion Date: Apr 6, 2021

Modification statement: Please update before the implementation of the GHS Ninth revised edition.

Other information: This Safety Data Sheet (SDS) was prepared according to UN GHS (the eighth revised edition) and the information included is based on the present state of our knowledge. However, the information is provided without any warranty, express or implied, regarding its correctness and is only for users reference. Users should make their independent judgement of suitability of these information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

