



貴州華捷化工有限公司
GUIZHOU SINO-PHOS CHEMICAL CO., LTD.

1105 Zhongxia Mansion, No.101 Zhonghua North Rd., Guiyang, Guizhou, 550001 P.R. China

Tel: 0086-851-6825139,6813089
Fax: 0086-851-6830401,6832003

E-mail: gpcgf@public.gz.cn
Website: www.sino-phos.com

MATERIAL SAFETY DATA SHEET

Issued By: Guizhou Sino-Phos Chemical Co., Ltd.

Issue Date: May 28, 2003

Product Name: **YELLOW PHOSPHORUS**

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COMPANY DETAILS

Company Name: GUIZHOU SINO-PHOS CHEMICAL CO., LTD.

Address: ROOM 1105, ZHONGXIA MANSION,
101 ZHONGHUA NORTH ROAD,
GUIYANG, GUIZHOU, 550001 P.R. CHINA

Tel: 0086-851-6831851

Fax: 0086-851-6830401

Emergency Tel: 0086-851-6825139

Other Information: Guizhou Sino-Phos Chemical Co., Ltd. does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Guizhou Sino-Phos Chemical Co., Ltd. with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Guizhou Sino-Phos Chemical Co., Ltd. is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

IDENTIFICATION

Product Name: YELLOW PHOSPHORUS

Other Names: PHOSPHORUS WHITE, PHOSPHORUS YELLOW

UN Number: 1381

DG Class: 4.2

Sub. Risk: 6.1



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Packing Group: I
Hazchem Code: 2WE
Poisons Schedule: S7

Physical Data

Appearance: Colourless or white, transparent, crystal solid, waxy appearance.

Other Properties

Form: Solid
Materials to Avoid: Sulfur, iodine, oil or turpentine and potassium chlorate.
Formula: P
Molecular Weight: 30.97
Other Information: Darkens on exposure to light.

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed: Very toxic if swallowed.
Acute - Eye: Causes burns.
Acute - Skin: Causes burn in contact with skin.
Acute - Inhaled: Very toxic by inhalation. May cause severe injury or death.

First Aid

Swallowed: Give plenty of water to drink. Induce vomiting.
Seek immediate medical assistance.
Eye: Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
Skin: Wash affected areas with copious quantities of water immediately.
Remove contaminated clothing and wash before re-use.
Seek medical attention.
Inhaled: Remove victim to fresh air. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.
Seek urgent medical assistance.
First Aid Facilities: Maintain eyewash fountain and drench facilities in work area.



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Advice to Doctor

Advice to Doctor: Consult Poisons Information Centre.

Other Health Hazard Information

PRECAUTIONS FOR USE

Eng. Controls: Local exhaust ventilation usually required.
Maintain concentration below recommended exposure limit.

Personal Protection

Eye Protection: Chemical splash goggles.
Glove Type: Rubber, neoprene, PVC or equivalent.
Clothing: Lab coat.

Flammability

Fire Hazards : Combustible

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions: Store in cool place and out of direct sunlight. Store away from oxidizing agents. Store away from sources of heat or ignition. Store in well ventilated area. Keep containers closed at all times.
Transport: Dangerous goods of Class 4.2 (Spontaneously Combustible) are incompatible in a placard load with any of the following:

Class 1, Class 2, Class 3, Class 4.1, Class 5, Class 7.

Proper Shipping: PHOSPHORUS, UNDER WATER

Spills and Disposal

Spills & Disposal: Use water spray to reduce fumes or divert smoke plumes. Keep substance wet using water spray. Do not touch or walk through spilled material. Stop leak if safe to do so - Prevent entry into waterways, drains or confined areas. Cover with WET earth, sand or other non-combustible material. Allow residual substance to burn off under fire brigade supervision.

SEEK EXPERT ADVICE ON HANDLING AND DISPOSAL.



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Fire/Explosion Hazard

Fire/Explos. Hazard: Extremely flammable. Will ignite spontaneously on contact with air.

Burns rapidly. May re-ignite after fire is extinguished if not kept covered by water, wet sand or wet earth. Fire will produce dense, white, irritating and poisonous fumes.

Containers may explode when heated. Runoff may create multiple fire or explosion hazard.

May be kept in molten form.

Fire Fighting: Small fire: Use water spray, wet sand or wet earth.
If safe to do so,

move undamaged containers from fire area.

Large fire: Flood fire area with large quantities of water while knocking down vapours with water fog. Do not use water jets. Do not scatter material. Cool containers with flooding quantities of water until well after fire is out.

Allow any residual substance to burn off under fire brigade supervision.

Wear SCBA and fully-encapsulating, gas-tight suit when handling these substances.

Always wear thermal protective clothing when handling molten substances.

OTHER INFORMATION

Risk Statement: R17 Spontaneously flammable in air. R35 Causes severe burns. R50 Very toxic to aquatic organisms. R26/28 Very toxic by inhalation and if swallowed.



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Safety Statement: S5 Keep contents under water. S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.
S28 After contact with skin, wash immediately with plenty of soap-suds.
S45 In case of accident or if unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).
S61 Avoid release to the environment.
Refer to special instructions/safety data sheet.

Pkg. & Labelling: First Aid phrases: a,b,f.

Hazard Category: Very Toxic, Very Corrosive

CONTACT POINT

Contact : Mr. Steven Chen
At 24 hours Emergency Call: 0086-851-6825139

DISCLAIMER STATEMENT

All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Guizhou Sino-Phos Chemical Co., Ltd. accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.