

MATERIAL SAFETY DATA SHEET U.S. DEPARTMENT OF LABOR

May be used to comply with
OSHA'S Hazard Communication Standard
29 CFR 1910, 1200 Standard must be
consulted for specific requirements.
IDENTITY (As Used on Label and List)

Occupational Safety and Health Administration
(Non-Mandatory Form)

Form Approved

OMB No. 128-0072

Note: Blank spaces are not permitted

If any item is not applicable or no
information is available, the space
must be marked to indicate that

BLACK PHOSPHATE

Section 1 - MANUFACTURER

Name: Gold Head Chemicals Co., Ltd.

Address: 1F, No. 50. Da Ren Street
Gang Shan Town
Kaohsiung Hsien. Taiwan, R.O.C.

Emergency Phone: 886-7-6983008

Information Phone: 886-7-6983008

Date Prepared
Signature of Preparer (optional)

Section II - HAZARDOUS INGREDIENTS

Hazardous Components
(Specific Chemical Identity:)

Common Name (s)

Chemical Analysis. Unit %

orthophosphoric acid: 50

OSHA PEL	ACGIH TLV	% (Optional)
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Section III - Physical / Chemical

Characteristics

Specific Gravity: (H2O - 1) 1.56+ 0.01

Boiling Point: 100 Degrees C

Melting Point: Not applicable

Vapor Pressure: (mm Hg)

Vapor Density: (AIR - 1)

Evaporation: (Butyl Acetate)

Medicament: No volatilize

Solubility in Water: Dissolution 100%

Appearance and Odor: Green liquid No odor

Section IV - Fire & Explosion Hazard Date

Flash Point (method used):	Flammable Limits	LEL	None
	Nonflammable	Product is not self igniting	

Extinguishing Media: Not applicable

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

(Reproduce locally)

Section V

Stability:	Reactivity Data			
Conditions to Avoid:	Stable/if used according to specifications			
Incompatibility (materials to avoid):	No decomposition			
Hazardous Decomposition or Byproducts:				
Hazardous:	May occur			
Polymerization:	Will not occur			
Section VI	Health Hazard Data			
Route(s) of Entry:	Inhalation/none	Skin/yes	Ingestion/yes	
Health Hazards(Acute and Chronic):	Not flammable or combustible. fire or explosion hazard and do not contribute to the combustion of other materials			
Carcinogenicity:	none	NTP/none	IARC Monographs	SHA Regulated
Signs and Symptoms of Exposure:	none			
Medical Conditions Generally Aggravated by Exposure:	none			
Emergency and First Aid Procedures				
Skin Contact:	Immediately flush skin with water for 15 Minutes. If no comfort is received - seek medical treatment			
Ingestion:	Do not force spitting, use water to wash mouth clean, give the patient some water to drink, if the patient vomits, immediately drink more water - if no comfort is received - seek medical treatment			

Section VII

Steps to be taken in case material is released or spilled:	Precautions for Safe Handling and Use			
Waste disposal method:	Centralize disposal Dispose of the substance in accordance with the			
Precautions to be taken in handling and storing:	Wash your hands after handling it - avoid storing the substance in high temperatures or highly humid places- do not put screws in your mouth			
Other precautions:	At temperatures above the melting point oxide and zinc fumes may be released along with other alloying elements			

Section VIII

	Control Measures
Respiratory Protection (Specify Type)	
Ventilation	
Local Exhaust:	none
Special:	none
Mechanical (General):	none
Other:	none
Protective Gloves:	Rubber gloves
Eye Protection:	Safety glasses
Other Protective Clothing or Equipment:	Install a washstand in workshop for washing hands
Work:	Hygienic practices