

Material Safety Data Sheet



CORPORATE HEADQUARTERS
9130 South Dadeland Boulevard
Suite 1607, Two Datan Center
Miami, Fl 33156-78513.USA

PHOS-AL® 80% WP

Date of Preparation: 11/18/02

MSDS No. 0019

Date of review: December 14, 2005

CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585

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FOSETIL-AL FUNGICIDE

MSDS

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I. Product Identification

Product Name : PHOS-AL®

Chemical Name: Fosetyl-Al Fungicide

Chemical Family:

General Use : Fungicide

EPA Number:

II. Composition / Information on Ingredients

Ingredient (CAS #)		Percentage	Exposure Limits
Fosetyl Aluminum	39148-24-8	50.00%	
INERT SUBSTANCES		50.00%	

HAZARD CHARACTER: Toxic
UN No.: not available

III. Physical Data

PHYSICAL STATE: SOLID POWDER	APPEARANCE: OFF WHITE POWDER
PH: 3.6 (5%)	VAPOR PRESSURE(MM HG @ 30C: N/A
VAPOR DENSITY: N/A	EVAPORATION RATE: N/A
VISCOSITY: N/A	FREEZING/MELTING POINT: N/A
AUTOIGNITION TEMPERATURE: N/A	FLASH POINT: N/A
EXPLOSION LIMITS, LOWER: N/A	UPPER: N/A
SOLUBILITY: SOLUBLE	

IV. Firefighting Measures

GENERAL INFORMATION:

THIS MATERIAL IS NO EXPLOSION HAZARD FROM THIS MATERIALS UNDER NORMAL CIRCUMSTANCE IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND,MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR. DURING A FIRE, IRRITATING AND HIGHLY TOXIC GASES MAY BE GENERATED BY THERMAL DECOMPOSITION OR COMBUSTION.

EXTINGUISHING MEDIA:

IN CASE OF FIRE, USE WATER FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

V. Reactivity Hazard Data

CHEMICAL STABILITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

CONDITIONS TO AVOID: INCOMPATIBLE MATERIALS, REACTIVE AGENT

INCOMPATIBILITIES WITH OTHER MATERIALS: STRONG ACID, BASE OR OXIDIZING AGENT

HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE, CARBON OXIDES, OXIDES OF PHOSPHORUS. MAY BE EMITTED ON COMBUSTION.

HAZARDOUS POLYMERIZATION: HAS NOT BEEN REPORTED.

VI. Health Hazard Data

EMERGENCY OVERVIEW

CAUTION: HARMFUL IF SWALLOWED, INHALED, ABSORB THROUGH SKIN, CAUSE IRRITATING

TARGET ORGANS: NONE KNOWN.

POTENTIAL HEALTH EFFECTS

EYE: Irritating to the eyes, CAUSE REDNESS AND TEARING.

SKIN:HARMFUL IF ABSORBED THROUGH SKIN.IRRITANT, CAUSE REDNESS AND SWELLING

INGESTION: harmful if swallowed, irritate mouth, stomach etc.

INHALATION: Irritating by inhalation. Long-Term: None known.

Acute Oral Toxicity LD50(mg/kg): >5,000 (RAT)

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VII. Emergency and First Aid Procedures

EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, AND SEEK MEDICAL AID IF NECESSARY.

SKIN: FLUSH WITH SOAP AND A LARGE VOLUME OF WATER. SEEK MEDICAL ASSISTANCE AS NECESSARY, ESPECIALLY IF IRRITATION DEVELOPS OR PERSISTS.

INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. GIVE GLASS OF WATER TO DRINK. SEEK MEDICAL ASSISTANCE AS NECESSARY.

INHALATION: REMOVE FROM AREA OF EXPOSURE. GIVE ARTIFICIARY RESPIRATION IF NECESSARY. SEEK MEDICAL ASSISTANCE AS NECESSARY.

VIII. Special Protection Information

ENGINEERING CONTROLS: A WELL VENTILATED AREA TO CONTROL DUST LEVELS AREA.

PERSONAL PROTECTIVE EQUIPMENT

EYES: MONOGOGGLES

SKIN: WEAR APPROPRIATE PROTECTIVE GLOVES AND CLOTHING TO PREVENT SKIN EXPOSURE.

CLOTHING: WORK LONG SLEEVES UNIFORM, GLOVES, FOOTWEAR

RESPIRATORS: USE NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATORY WITH APPROPRIATE CARTRIDGE

IX. Spill or Leak Procedures

GENERAL INFORMATION: USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN SECTION 8.

SPILLS/LEAKS: SCRAPE OR GATHER AND PLACE IN A SUITABLE CONTAINER FOR DISPOSAL. AVOID RUNOFF TO DRAIN AND NATURE WATER.

DISPOSAL: WASH AREA, PREVENTING RUNOFF FROM ENTERING DRAINS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CHEMICAL WASTE GENERATORS MUST DETERMINE WHETHER A DISCARDED CHEMICAL IS CLASSIFIED AS A HAZARDOUS WASTE. ADDITIONALLY, WASTE GENERATORS MUST CONSULT STATE AND LOCAL HAZARDOUS WASTE REGULATIONS TO ENSURE COMPLETE AND ACCURATE CLASSIFICATION.

X. Special Precautions

Precautions to be Taken in Case Material is Handling and Storing : Do not wear contact lenses. Keep away from food and feed products. Keep container closed. Use only in a well ventilated area. Avoid contact with eyes, skin and clothing. Do not reuse this container.

XI. Shipping Information

US DOT: NO INFORMATION

UN NO.: NONE

NOT DANGEROUS FOR TRANSPORT

Shipping Name: Not Regulated by DOT(highway), IMG (water), or IATA (air).

Hazzard Class: None

Not dangerous for transport by road/rail.

UN/NA NUMBER: NONE

PLACARDS: NONE

IATA: NONE

IMO IMDG-code: NONE

US Federal Regulations

EPA Registration No.

TSCA list:None

TSCA 12b export notification:None

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SARA Title III - section 302 - notification and information:None

SARA Title III - section 313 - toxic chemical release reporting:None

Identification No: None

Labels required: None

Placarding: None required

EPA SARA Title III Data: This product does not contain toxic chemicals listed on SARA Section 313

Community Right to Know or Toxic release Inventory. All components of this product are listed on the TSCA inventory.

XII. Other Information

National Fire Protection Association Rating:

(Rating level: 4- Extreme, 3- High, 2- Moderate, 1-Slightly, 0-Minimum)

Health: 2

Fire: 0

Reactivity: 1

S.A.R.A. Title III Hazard Classification: (Yes/No)

WHMIS HAZARD CLASS: D2B TOXIC MATERIALS

HAZARD RATING SYSTEMS

HMIS: FLAM 1, REACTIVITY 0 HEALTH 2

NFPA: FLAM 1, REACTIVITY 0 HEALTH 2

Prepared by:

Revision Notes :

Disclaimer: Reasonable care has been taken in preparation of this information. The information contained herein is based on the data available to us and is believed to be correct as of the date prepared; however, ExcelAg Corp., makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.