

BETZ LABORATORIES, INC. -- PHOSVER 3 POWDER PILLOWS -- 6810-01-236-8878

=====
Product Identification
=====

Product ID:PHOSVER 3 POWDER PILLOWS

MSDS Date:02/16/1991

FSC:6810

NIIN:01-236-8878

MSDS Number: BPXGZ

=== Responsible Party ===

Company Name:BETZ LABORATORIES, INC.

Address:4636 SOMERTON ROAD

City:TREVOSE

State:PA

ZIP:19053

Country:US

Info Phone Num:215-355-3300

Emergency Phone Num:800-877-1

940/215-355-3300

CAGE:24774

=== Contractor Identification ===

Company Name:BETZDEARBORN INC.

Address:4636 SOMERTON ROAD

Box:City:TREVOSE

State:PA

ZIP:19053

Country:US

Phone:215-355-3300

CAGE:24774

=====
Composition/Information on Ingredients
=====

Ingred Name:POTASSIUM PYROSULFATE

CAS:7790-62-7

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM MOLYBDATE

CAS:7631-95-0

RTECS #:QA5075000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 CEILING

ACGIH TLV:5 MG/KG CEILING

==

=====
Hazards Identification
=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE- DANGER! CORROSIVE TO EYES & WET SKIN. INHALATION OF DUSTS MAY CAUSE IRRITATION AND/OR BURNS TO RESPIRATORY TRACT. SKIN CONTACT CAN CAUSE MODERATE IRRITATION TO BURNS (DEPENDENT ON LENGTH OF EXPOSURE). INGESTION OF MATERIAL CAN BURN MOUTH, THROAT AND STOMACH. CHRONIC - MAY CAUSE TISSUE NECROSIS.

Effects of Overexposure:DANGER! CORROSIVE TO EYES & WET SKIN.

INHALATION OF DUSTS MAY CAUSE IRRITATION AND/OR BURNS TO RESPIRATORY TRACT. SKIN CONTACT CAN CAUSE MODERATE IRRITATION TO BURNS (DEPENDENT ON LENGTH OF EXPOSURE). INGESTION OF MATERIAL CAN BURN MOUTH, THROAT AND STOMACH. PROLONGED OR REPEATED CONTACT MAY CAUSE TISSUE NECROSIS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

=====
First Aid Measures
=====

First Aid:GET MEDICAL CARE IN ALL CASES.EYES/SKIN:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.KEEP EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF NEEDED.ORAL:DO NOT INDUCE VOMITING.IF CONSCIOUS,DRINK 3-4 GLASSES OF MILK OR WATER.

=====
Fire Fighting Measures
=====

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:MAY YIELD ELEMENTAL OXIDES.

=====
Accidental Release Measures
=====

Spill Release Procedures:VENTILATE AREA

A. USE PROTECTIVE EQUIPMENTS.

SWEEP UP OR VACUUM AND PLACE IN WASTE DISPOSAL CONTAINER. DO NOT GENERATE DUSTS. NEUTRALIZE RESIDUE WITH SODA ASH AND FLUSH TO SEWER WITH PLENTY OF WATER IF ALLOWED.

Neutralizing Agent:SODA ASH, LIME, SODIUM BICARBONATE

=====
===== Handling and Storage =====

Handling and Storage Precautions:STORAGE-STORE IN TIGHTLY CLOSED CONTAINERS AWAY FROM EXCESSIVE HEAT & STRONG BASES. DO NOT TOUCH WITH WET SKIN.KEEP DRY.

Other

Precautions:CORROSIVE. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID BREATHING DUSTS. USE WITH ADEQUATE VENTILATION. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. KEEP OUT OF REACH OF CHILDREN. WASH THOROUGHLY AFTER HANDLING.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF EXCESSIVE DUSTS PRESENT, WEAR A NIOSH-APPROVED DUST RESPIRATOR. IF CONCENTRATION EXCEEDS CAPACITY OF RESPIRATOR,

USE SELF-CONTAINED BREATHING APPARATUS/SUPPLIED AIR RESPIRATOR.

Ventilation:PROVIDE GENERAL VENTILATION OR LOCAL EXHAUST TO MEET OSHA PERMISSIBLE EXPOSURE LIMITS (OSHA PEL).

Protective Gloves:NITRILE, NEOPRENE, VINYL, RUBBER

Eye Protection:AIRTIGHT CHEMICAL GOGGLES

Other Protective Equipment:WEAR RUBBER APRON AND RUBBER BOOTS. EYEWASH AND SAFETY SHOWER SHOULD BE LOCATED NEARBY.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

=====
===== Physical/Chemical Properties =====

HCC:C1

Spec Gravity:2.17

pH:1.5;5%

Solubility in Water:COMPLETE

Appearance and Odor:WHITE POWDER - ODORLESS

=====
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG BASES

Stability Condition to Avoid:EXCESSIVE HEAT OR FIRE

Hazardous Decomposition Products:MAY YIELD ELEMENTAL OXIDES.

=====
===== Disposal Consideration

S =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent
professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.