

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-208/20859-73-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

20859-73-8

Code:

M

RTECS:

BD1400000

Code:

M

Name:

ALUMINUM PHOSPHIDE (SARA 302) (CERCLA)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH/MSHA APPROVED FULL FACE MASK-PHOSPHINE CANISTER COMBINATION MAY BE USED AT LEVELS UP TO 15 PPM.

Ventilation:

FORCED AIR VENTILATION AND/OR APPROPRIATE WORK PRACTICES.

Protective Gloves:

DRY GLOVES OR COTTON OR OTHER MATERIAL.

Eye Protection:

SAFETY GLASSES.

Other Protective Equipment:

Equipment EQUIPMENT FOR DETECTION OF PHOSPHINE SHOULD BE USED.

Work Hygienic Practices:

DO NOT BREATHE DUST. DO NOT GET IN EYES OR ON HANDS, SKIN OR CLOTHING.

Supplemental Safety and Health:

NONE

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

HIGHLY TOXIC. TARGET ORGANS: LIVER, KIDNEY, LUNGS, NERVOUS SYSTEM, AND CIRCULATORY SYSTEM. INHALATION: LUNG EDEMA, HYPEREMIA, SMALL PERIVASCULAR BRAIN HEMORRHAGES AND BRAIN EDEMA. INGESTION: CAUSES LUNG AND BRAIN SYMPTOMS.

Explanation Of Carcinogenicity:

N/R

Signs And Symptoms Of Overexposure:

MILD POISONING, NAUSEA, WEEKNESS, PRESSING SENSATIONS IN CHEST, COUGH, HEADACHE, RINGING IN EARS, UNEASINESS.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

EYES: FLUSH WITH PLENTY OF WATER FOR 15 MIN. AND GET MEDICAL ATTENTION. SKIN: BRUSH MATERIAL OFF CLOTHES AND SHOES. WASH CONTAMINATED SKIN WITH SOAP AND WATER. INHALATION: GET EXPOSED PERSON TO FRESH AIR. KEEP WARM AND MAKE SURE PERSON CAN BREATHE FREELY. ASSIST W/ BREATHING SUPPORT MEASURES IF NEEDED. INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER. DRINK OR ADMINISTER WATER & INDUCE VOMITING.

Spill Release Procedures:

A SPILL CAN PRODUCE GAS. ATTENDING PERSONNEL MUST WEAR SCBA OR ITS EQUIVALENT TO CLEAN UP SPILL.

Neutralizing Agent:

N/P

Waste Disposal Methods:

DISPOSE OF AS HAZARDOUS WASTE. FOLLOW ALL APPLICABLE LOCAL, STATE OR FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A DRY, WELL VENTILATED AREA, AWAY FROM HEAT AND UNDER LOCK AND KEY.

Other Precautions:

DO NOT EXPOSE PRODUCT TO MOISTURE.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/R

Melt/Freeze Pt:

N/P

Decomp Temp:

N/P

Decomp Text:

N/P

Vapor Pres:

N/P

Vapor Density:

1.17

Volatile Org Content %:

N/A

Spec Gravity:

N/R

VOC Pounds/Gallon:

N/P

PH:

N/P

VOC Grams/Liter:

N/P

Viscosity:

N/P

Evaporation Rate & Reference:

N/P

Solubility in Water:

SOLUBILITY IN WATER: