MATERIAL SAFETY DATA SHEET

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

Click http://www.lookchem.com/cas-922/92203-02-6.html for suppliers of this product.

Composition/Information on Ingredient

Cas:
92203-02-6
Code:
M

RTECS:

Code:
X

Name:
PHOSPHORIC ACID, REACTION PRODUCTS W/ALUMINUM HYD

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH/OSHA APPROVED RESPIRATOR WHEN SPRAYING OR EQUIVALENT

Ventilation:
EXHAUST SUFFICIENT TO REMOVE SPRAY MIST

Protective Gloves:
CHEMICAL RESISTANT

Eye Protection:
SAFETY GLASSES, CHEMICAL SPLASH GOGGLES

Other Protective Equipment:
Equipment FACE SHIELD, SAFETY SHOWERS, EYEWASH STATION. APRONS &CLOTHING W/MAXIMUM BODY COVERAGE

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING/FOOTWEAR BEFORE REUSE.

Supplemental Safety and Health:
3 NOTE TO PHYSICIAN: DEATH HAS BEEN AVOIDED IN SEVERAL CASES THROUGH THE USE OF EARLY RENAL DIALYSIS. ASCORBIC ACID ADMINISTERED INTRAVENOUSLY IS AN EFFECTIVE ANTIDOTE IN PREVENTING RENAL FAILURE. SKIN ULCERS MAY BE TREATED BY REMOVAL FROM EXPOSURE, DAILY CLEANING & DEBRIDEMENT & APPLICATION OF ANTIBIOTIC CREAM/DRESSING.

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: IRRITATE & ULCERATE MEMBRANES, ULCERATION OF NASAL SEPTUM. SKIN: SEVERE IRRITATION, ULCERS. EYES: IRRITATING, CORROSIVE, BURNS OR LOSS OF SIGHT. INGESTION: SEVERE INJURY OR DEATH. MIST MAY INCREASE RISK OF RESPIRATORY CANCER. MASSIVE OVEREXPOSURE TO CHROMIC ACID: KIDNEY FAILURE & MAY BE FATAL.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
SKIN: SORES, ULCERS. INHALATION: ULCERATION OF MEMBRANES.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/PLENTY OF SOAP/WATER FOR AT LEAST 15 MINS. REMOVE CONTAMINATED CLOTHING/SHOES. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR AS NEED ED. INGESTION: DONT INDUCE VOMITING. GIVE SEVERAL GLASSES OF MILK, FOLLOW W/MILK OF MAGNESIA. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAN & GIVE MORE WATER. (SEE SUPPLEMENTAL INFORMATION)

Spill Release Procedures:
EVACUATE NONESSENTIAL PERSONNEL. USE SAWDUST, VERMICULITE, FULLER'S EARTH OR OTHER ABSORBENT MATERIAL TO SOAK UP, THEN NEUTRALIZE. FLUSH AREA W/WATER.

Neutralizing Agent:
SODIUM BICARBONATE. DONT USE STRONG ALKALIS.

Waste Disposal Methods:
2 FILTER TO REMOVE ALUMINUM & DISCARD AS SOLID CHEMICAL WASTE. TREAT REMAINING LIQUID W/SODIUM METABISULFITE, THEN PRECIPITATE TRIVALENT CHROMIUM BY NEUTRALIZING W/ALKALI SUCH AS LIME. DISPOSE OF IN ACC ORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
PROTECT FROM FREEZING. STORE AWAY FROM STRONG ALKALIS OR OXIDIZING AGENTS.

Other Precautions:
AVOID CONTACT W/SKIN & EYES.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
SAND OR CO2

Fire Fighting Procedures:
DONT USE EXTINGUISHING AGENTS CONTAINING WATER AS REACTION W/ALUMINUM MAY PRODUCE HYDROGEN GAS. WEAR PROTECTIVE CLOTHING & NIOSH/OSHA APPROVED POSITIVE SCBA.

Unusual Fire/Explosion Hazard:
CONTACT W/ALKALIS, STRONG REDUCING OR OXIDIZING AGENTS MAY PRODUCE HYDROGEN GAS CAUSING FIRE OR EXPLOSION HAZARD.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.65

VOC Pounds/Gallon:

PH: 2

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
APPRECIABLE

Appearance and Odor:
GREEN-GRAY W/NO ODOR

Percent Volatiles by Volume:
60.8

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES

Materials To Avoid:
ALKALIS, STRONG REDUCING OR OXIDIZING AGENTS

Hazardous Decomposition Products:
TOXIC PHOSPHIDE

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P