

P4036 PYRIDINE ACS REAGENT

MSDS Number

BNYCJ

National Stock Number

6810-00F024645

Product Name

P4036 PYRIDINE ACS REAGENT

Manufacturer

SIGMA CHEMICAL COMPANY

Product Identification

Product ID:P4036 PYRIDINE ACS REAGENT

MSDS Date:06/18/1991

FSC:6810

NIIN:00F024645

MSDS Number: BNYCJ

Responsible Party

SIGMA CHEMICAL COMPANY

SAINT LOUIS , MO 63178

US

Emergency Phone: (314) 771-5765

Info Phone: (800) 325-3010

Cage: 21076

Contractor

SIGMA CHEMICAL COMPANY

14508

ST LOUIS, MO 63178

US

314-771-5765

Cage: 21076

Ingredients

PYRIDINE

CAS: 110-86-1

RTECS: UR8400000

OSHA PEL15 MG/CUM

ACGIH TLV: 16 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): 891 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INGESTION:

HARMFUL/VOMITING/GASTROINTESTINAL DISTURBANCES. SKIN: HARMFUL
ABSORPTION. EYES: DESTRUCTIVE. IHALATION: DESTRUCTIVE TO MUCOUS
MEMBRANE TISSUE & UPPER RESPIRATORY TRACT, BURNING SENSATION, C
OUGHING, WHEEZING, LARYNGITIS, BREATH SHORTNESS, HEADACHE, NAUSEA,

CHEST PAINS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: HARMFUL/VOMITING/GASTROINTESTINAL DISTURBANCES. EYES: DESTRUCTIVE. INHALATION: DESTRUCTIVE TO MUCOUS MEMBRANE TISSUE & UPPER RESPIRATORY TRACT, COUGHING, WHEEZING, LARYNGITIS, BREATH SHORTNESS, HEADACHE, NAUSEA, CHEST PAIN. POSSIBLE MUTAGEN. SKIN: READILY ABSORBED.

First Aid

First Aid:EYES/SKIN: FLUSH W/PLENTY OF WATER FOR 15 MIN. WHILE REMOVING CONTAMINATED CLOTHING & SHOES. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. INGESTION: WASH OUT MOUTH W/WATER PROVIDED PERSON IS CONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:68F

Lower Limits:1.8%

Upper Limits:12.4%

Extinguishing Media:CO2/DRY CHEMICAL POWDER/ALCOHOL/POLYMER FOAM. WATER MAY BE EFFECTIVE FOR COOLING, BUT MAY NOT EFFECT EXTINGUISHMENT.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION & FLASH BACK. FLAMMABLE.

Accidental Release

Spill Release Procedures:EVACUATE/VENTILATE AREA. SHUT OFF ALL IGNITION SOURCES. WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. COVER W/DRY-LIME, SAND OR SODA ASH. PLACE IN COVERED CONTAINERS W/NON-SPARKING TOOLS & TAKE OUTDOORS. VENTILATE & WASH SPILL SITE.

Handling

Handling and Storage Precautions:STORE IN COOL DRY PLACE. KEEP TIGHTLY CLOSED. STORE UNDER NITROGEN. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME.

Other Precautions:AVOID CONTACT W/EYES, SKIN, CLOTHING & BREATHING VAPORS.

Exposure Controls

Respiratory Protection:MIOH/MSHA APPROVED RESPIRATOR

Ventilation:CHEMICAL FUME HOOD

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER, EYE BATH, RUBBER BOOTS & OTHER PROTECTIVE CLOTHING AS REQUIRED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:239F

Melt/Freeze Pt:M.P/F.P Text:-44F

Vapor Pres:20

Vapor Density:2.72

Spec Gravity:0.978

Appearance and Odor:COLORLESS LIQUID, W/UNPLEASANT ODOR

Stability

Stability Indicator/Materials to Avoid:YES

ACIDS, ACID CHLORIDES, OXIDIZING AGENTS, CHLOROFORMATES.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME OR OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:CO, CO2 & NITROGEN OXIDES.

Disposal

Waste Disposal Methods: BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER & SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY FLAMMABLE. OBSERVE ALL FEDERAL, STATE & LOCAL ENVIRONMENTAL 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.