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PENTAFLUOROPROPIONIC ACID,97%;#24591-7

MSDS Number

BBFJH

National Stock Number

6810-00D001619

Product Name

PENTAFLUOROPROPIONIC ACID,97%;#24591-7

Manufacturer

ALDRICH CHEMICAL CO INC

Product Identification

Product ID:PENTAFLUOROPROPIONIC ACID,97%;#24591-7
MSDS Date:09/29/1987
FSC:6810
NIIN:00D001619
MSDS Number: BBFJH

Responsible Party

ALDRICH CHEMICAL CO INC

940 W SAINT PAUL AVE

MILWAUKEE , WI 53201

IS

Emergency Phone: 414-273-3850

Info Phone: 414-273-3850

Cage: 60928

Contractor

ALDRICH CHEMICAL CO INC

355

MILWAUKEE, WI 53233

US

414-273-3850

Cage: 60928

Ingredients

PENTAFLUOROPROPIONIC ACID,97%

CAS: 422-64-0

RTECS: UF6475000

Fraction By Weight: 97.0%

Hazards

LD50 LC50 Mixture:IPR-RBT LD 50:68MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE:DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT,EYES AND SKIN;INHALATION MAY BE FATAL AS A RESULT OF SPASM,INFLAMMATION AND EDEMA OF THE LARYNX AND BRONCHI. CHRONIC:RE SPIRATORY PROBLEM;PULMONARY EDEMA OR CHEMICAL PNEUMONITIS,TISSUE DAMAGE,IN THE END FATAL.
Effects of Overexposure:BURNING SENSATION,COUGHING,WHEEZING,LARYNGITIS,SHORTNESS OF BREATH,NAUSEA AND VOMITING.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid

First Aid:EYES:FLUSH EYES WITH PLENTY OF WATER AND SEEK MEDICAL HELP AT ONCE. SKIN:WASH THOROUGHLY WITH PLENTY OF WATER,CALL A PHYSICIAN. INHALATION:REMOVE TO FRESH AIR,GIVE OXYGEN,CALL A PHYSICIAN.(WASH CONTAM INATED CLOTHING BEFORE REUSE.DISCARD CONTAMINATED SHOES.)

Fire Fighting

Flash Point:NONE
Extinguishing Media:CO*2,DRY CHEMICAL,FOAM
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.USE FULL SKIN PROTECTION.
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Accidental Release

Spill Release Procedures:USE PERSONAL PROTECTION (USE SCBA,RUBBER BOOTS,HEAVY DUTY RUBBER GLOVES);USE SUITABLE ABSORBENT MATERIAL LIKE SAND OR VERMICULITE AND COLLECT IN A CLOSED CONTAINER FOR PROPER DISPOSAL;VENTILATE THE AR EA.

Handling

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED AREA.KEEP TIGHTLY CLOSED,HYGROSCOPIC.

Exposure Controls

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR FOR ACID VAPORS/MIST.
Ventilation:LOCAL EXHAUST (A CHEMICAL FUME HOOD)
Protective Gloves:CHEMICAL-RESISTANT GLOVES
Eye Protection:CHEMICAL GOGGLES WITH FACE SHIELD
Other Protective Equipment:SAFETY SHOWER AND EYE BATH
Work Hygienic Practices:AVOID CONTACT WITH EYES,SKIN AND CLOTHING.WASH THOROUGHLY AFTER EACH USE.
Supplemental Safety and Health
PER MSDS,THE CHEMICAL,PHYSICAL AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Chemical Properties

HCC:C1
Boiling Pt:B.P. Text:97C/207F
Spec Gravity:1.561
Appearance and Odor:N/K (CORROSIVE LIQUID HYGROSCOPIC)

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS,STRONG BASES.
Stability Condition to Avoid:EXTREME HEAT
Hazardous Decomposition Products:COMBUSTION OR DECOMPOSITION PRODUCTS.

Disposal

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

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