

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 CONTAMINATED 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 AREA.

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.

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.