

1,4-DIFLUOROBENZENE 99+%, D10220-2

MSDS Number

BSBVK

National Stock Number

6810-00N043827

Product Name

1,4-DIFLUOROBENZENE 99+%, D10220-2

Manufacturer

ALDRICH CHEMICAL CO

Product Identification

Product ID:1,4-DIFLUOROBENZENE 99+%, D10220-2

MSDS Date:06/14/1993

FSC:6810

NIIN:00N043827

MSDS Number: BSBVK

Responsible Party

ALDRICH CHEMICAL CO

MILWAUKEE , WI 53201

US

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

BENZENE, P-DIFLUORO-; (BENZENE,

CAS: 540-36-3

RTECS: CZ5658000

Fraction By Weight: 99%

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:MAY BE HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION. MAY CAUSE IRRITATION. TO THE BEST OF MANUFACTURER'S KNOWLEDGE, THE CHEMICAL, PHYSICAL & TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES: IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH SKIN WITH SOAP & COPIOUS AMOUNTS OF WATER. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL MD.

Fire Fighting

Flash Point:36.0F,2.2C
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. EXTREMELY FLAMMABLE.
Unusual Fire/Explosion Hazard:VAP MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNIT & FLASH BACK. CNTNR EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS. EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Accidental Release

Spill Release Procedures:EVACUATE AREA. SHUT OFF ALL SOURCES OF IGNIT. WEAR NIOSH/MSHA APPROVED SCBA, BOOTS & HEAVY RUBBER GLOVES. COVER W/DRY-LIME, SAND/SODA ASH. PLACE IN COVERED CONTAINERS USING NON-SPARKING TOOLS & TRANSPORT OUTDOORS. VENT AREA & WASH SPILL SITE(SUPDAT)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. STORE IN A COOL, DRY PLACE. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
Other Precautions:USE NONSPARKING TOOLS. DO NOT BREATHE VAPOR. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. NO SMOKING. DO NOT EMPTY INTO DRAINS.

Exposure Controls

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.
Protective Gloves:CHEMICAL-RESISTANT GLOVES.
Eye Protection:ANSI APPROVED SAFETY GOGGLES.
Other Protective Equipment:OTHER PROTECTIVE CLOTHING. SAFETY SHOWER AND EYE BATH.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
SPILL PROC:AFTER MATERIAL PICKUP IS COMPLETE.

Chemical Properties

HCC:F5
Boiling Pt:B.P. Text:>190F,>88C
Melt/Freeze Pt:M.P/F.P Text:9F,-13C
Spec Gravity:1.110
Appearance and Odor:COLORLESS LIQUID

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:TOXIC FUMES OF:CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN FLUORIDE.

Disposal

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

ENVIRONMENTAL REGULATIONS.

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