

SULFUR HEXAFLUORIDE DIELECTRIC GRADE

MSDS Number

BBHDB

National Stock Number

6830-00F000693

Product Name

SULFUR HEXAFLUORIDE DIELECTRIC GRADE

Manufacturer

ALLIEDSIGNAL INC

Product Identification

Product ID:SULFUR HEXAFLUORIDE DIELECTRIC GRADE

MSDS Date:03/01/1980

FSC:6830

NIIN:00F000693

MSDS Number: BBHDB

Responsible Party

ALLIEDSIGNAL INC

101 COLUMBIA RD

MORRISTOWN , NJ 07962-5000

US

Emergency Phone: 201-455-6541

Info Phone: 201-455-6541

Cage: 0B7T5

Contractor

HONEYWELL INTL INC ENVIRONMENTAL SYSTEMS AND SERVICES

MORRISTOWN, NJ 07962

US

973-455-3922

Cage: 70308

Ingredients

SULFUR HEXAFLUORIDE *97-2*

CAS: 2551-62-4

RTECS: WS4900000

OSHA PEL6000 MG/CUM

ACGIH TLV: 5970 MG/CUM

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:INHALATION: LOW ORDER OF TOXICITY, BUT MAY ACT AS AN ASPHYXIANIT IF OXYGEN IS REDUCED TO MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, PALENESS, CYANOSIS.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED.

OBTAIN MEDICAL ATTENTION IF NEEDED.

Fire Fighting

Extinguishing Media:USE APPROPRIATE MEDIA FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR A NIOSH APPROVED SCBA. USE WATER SPRAY TO KEEP CYLINDERS COOL.
Unusual Fire/Explosion Hazard:LIQUEFIED GASES IN CONTACT W/WATER CAN EXPLODE VIOLENTLY.

Accidental Release

Spill Release Procedures:EVACUATE UNPROTECTED PERSONNEL. PROTECTED PERSONNEL MAY SHUT OFF LEAK. PRODUCT WILL DISPERSE ITSELF.

Handling

Handling and Storage Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE, HEAT & SUNLIGHT. STORE IN AREA OF LOW FIRE RISK.
Other Precautions:PRODUCT HAS NO WARNING PROPERTIES. EXPOSURE TO ELECTRIC ARCS MAY BREAK DOWN PRODUCT INTO TOXIC BYPRODUCTS. AVOID BREATHING PRODUCT WHICH HAS BEEN THUS EXPOSED.

Exposure Controls

Respiratory Protection:WEAR A SCBA/AIR-SUPPLIED RESPIRATOR.
Ventilation:MECHANICAL (GENERAL).
Protective Gloves:NOT GENERALLY REQUIRED
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NOT GENERALLY REQUIRED
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:-83.02F
Melt/Freeze Pt:M.P/F.P Text:-59.44F
Vapor Density:5.1
pH:7
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS GAS W/NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
WATER, HOT REACTIVE METALS.
Stability Condition to Avoid:HEAT, SUNLIGHT.
Hazardous Decomposition Products:THERMAL DECOMPOSITION: OTHER FLUORIDES OF SULFUR.

Disposal

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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