

SCOTT SPECIALTY GASES -- SULFUR HEXAFLUORIDE -- 6830-00-817-2342

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Product Identification
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Product ID:SULFUR HEXAFLUORIDE
MSDS Date:01/01/1987
FSC:6830
NIIN:00-817-2342
MSDS Number: BLPFX
=== Responsible Party ===
Company Name:SCOTT SPECIALTY GASES
Address:ROUTE 611 NORTH
Box:D-11
City:PLUMSTEADVILLE
State:PA
ZIP:18949
Country:US
Info Phone Num:215-766-8861 OR REGIONAL PHONE #
Emergency
Phone Num:215-766-8861
CAGE:51847
=== Contractor Identification ===
Company Name:SCOTT SPECIALTY GASES
Address:6141 EASTON RD (6141 ROUTE 611)
Box:310
City:PLUMSTEADVILLE
State:PA
ZIP:18934
Country:US
Phone:215-766-8861/ FAX: 215-766-0416
CAGE:51847

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Composition/Information on Ingredients
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Ingred Name:SULFUR HEXAFLUORIDE
CAS:2551-62-4
RTECS #:WS4900000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

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==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:UNCONSCIOUSNESS DUE TO ASHPYXIA.
Effects of Overexposure:UNCONSCIOUSNESS DUE TO ASPHYXIA PRECEDED BY
NAUSEA, ACCELERATED PULSE RATE, FATIGUE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:REMOVE TO FR
ESH AIR. RESTORE AND/OR SUPPORT BREATHING AS
NECESSARY. PROVIDE OXYGEN IF AVAILABLE.

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===== Fire Fighting Measures =====

Extinguishing Media:USE WHAT IS APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE WATER SPRAY TO KEEP CONTAINERS COOL.

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===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF HEAT. LEAK
CAN BE DETECTED BY STANDARD FLUOROCARBON DETECTING DEVICE.
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ECOMPOSITION PRODUCTS OF SF6 MAY BE ABSORBED ON A 50-50 MIXTURE OF
SODA LIME AND ACTIVATED ALUM INA. REMOVE LEAKING CONTAINERS
OUTDOORS.
Neutralizing Agent:NONE

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL DRY WELL-VENTILATED AREA
AWAY FROM FLAMMABLE OR EXPLOSIVE MATERIALS. AVOID MOISTURE CONTACT.
SUBJECT TO TEMPERATURES BETWEEN 130 TO -20F
Other Precautions:DO NOT DEFACE CYLINDER OR LABELS. RETURN WITH
P
OSITIVE PRESSURE.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS.
Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED.
Protective Gloves:RECOMMENDED FOR HANDLING LIQUID.
Eye Protection:SAFETY GLASSES
Other Protective Equipment:SAFETY SHOES FOR HANDLING CYLINDERS.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE

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===== Physical/Chemical Properties =====

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HCC:G3

Boiling Pt:B.P. Text:-82.7F,SUBL

Vapor Pres:22.77

Vapor Density:5.11

Spec Gravity:1.91

Solubility in Water:5.40 CC/KG

Appearance and Odor:COLORLESS, ODORLESS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

DISILANE

Stability Condition to Avoid:HIGH TEMPERATURES.

Hazardous Decomposition Products:TOXIC FUMES.

===== Disposal Considerations =====

Waste Disposal Methods:ALLOW GAS TO DISC

HARGE AT MODERATE RATE. RETURN

DEFECTIVE CYLINDERS TO SUPPLIER.

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