

MAGNAFLUX CORPORATION -- SULFUR HEXAFLUORIDE 300660 -- 6635-01-057-2173

===== Product Identification =====

Product ID:SULFUR HEXAFLUORIDE 300660

MSDS Date:10/01/1985

FSC:6635

NIIN:01-057-2173

MSDS Number: BJFRD

=== Responsible Party ===

Company Name:MAGNAFLUX CORPORATION

Address:7300 W LAWRENCE AVE

City:CHICAGO

State:IL

ZIP:60656-3504

Country:US

Emergency Phone Num:708-867-8000 EXT 3219

CAGE:37676

=== Contractor Identification ===

Company Name:ILLINOIS TOOL WORKS INC MAGNAFLUX DIV

Address:3624 WEST LAKE AVENUE

Box:City:GLENVIEW

State:IL

ZIP:60025

Country:US

Phone:847-657-5300/

CAGE:37676

===== Composition/Information on Ingredients =====

Ingred Name:SULFUR HEXAFLUORIDE

CAS:2551-62-4

RTECS #:WS4900000

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

===== Hazards Identification =====

LD50 LC50 Mixture:NONE S

PECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:SULFUR HEXAFLUORIDE IS  
CONSIDERED TO BE NONTOXIC. IT CAN ACT AS A SIMPLE ASPHYXIANT BY  
DISPLACING AIR. SYMPTOMS OF ASPHYXIA INCLUDE RAPID RESPIRATIONS,  
DIZZINESS AND FATIGUE. CONTACT MAY CAUSE FROSTBITE.CHRONIC:NONE  
KNOWN.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Conditions Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:MOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL  
RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING IS DIFFICULT, GIVE  
OXYGEN. CALL A PHYSICIAN. CONTACT:TREAT FOR FROSTBITE.

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

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures:USE

NIOSH/MSHA APPROVED SCBA AND FULL

PROTECTIVE EQUIPMENT. . EXTINGUISH SURROUND FIRE&KEEP CYLINDER COOL.

Unusual Fire/Explosion Hazard:SULFUR HEXAFLUORIDE IS NONFLAMMABLE &  
DOES NOT CREATE FIRE HAZARD. CYLINDERS THAT ARE EXPOSED TO FIRE MAY  
RUPTURE WITH VIOLENT FORCE.

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

Spill Release Procedures:VENTILATE THE AREA. PERSONNEL ENTERING THE  
AREA SHOULD WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SCBA.

Neutralizing Agent:NONE SPECIFIED BY  
MANUFACTURER.

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

Handling and Storage Precautions:CYLINDERS SHOULD BE STORED AND USED IN  
DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF HEAT.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE  
FOR EXPOSURE OF CONCERN. .

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IM

PERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

Vapor Pres:320 PSIG

Vapor Density:20C

Solubility in Water:5.4CM3/KG(@1ATM.25C)

Appearance and Odor:AT ROOM TEMP IT IS A COLORLESS, ODORLESS, NONTXIC  
GAS. SHIPPED LIQUEFIED GAS.

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:ORGANOMETALLICS&CHEM ACTIVE METALS SUCH AS  
SODIUM,POTASSIUM&BARIUM,POWDERED MG,POWDERED AL.REACTS VIGOROUSLY  
W/DISILANE.

Hazardous Decomposition Products:WHEN HEATED TO DECOMPOSITION OR  
EXPOSED TO ELECTRIC ARCS, TOXIC FLUORIDE AND SULFUR COMPOUNDS ARE  
RELEASED.

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

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Waste Disposal Methods:NONE SPECIFIED BY MANUFACTURER.

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