

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

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Product Identification
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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:3767

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=== 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

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Composition/Information on Ingredients
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Ingred Name:SULFUR HEXAFLUORIDE

CAS:2551-62-4

RTECS #:WS4900000

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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Hazards Identification
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LD50 LC50 Mixture:NONE

SPECIFIED 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 Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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

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

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures:U

SE NIOSH/MSHA APPROVED SCBA AND FULL

PROTECTIVE EQUIPMENT. . EXTING SURROUND FIRE&KEEP CYL COOL.

Unusual Fire/Explosion Hazard:SULFUR HEXAFLOURIDE IS NONFLAMMABLE & DOES NOT CREATE FIRE HAZARD. CYLS THAT ARE EXPOS TO FIRE MAY RUPTURE W/VIOLENT FORCE.

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===== 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.

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===== 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.

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

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

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:l

IMPERVIOUS 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, NONTOXIC 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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