

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: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

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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 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 M
ANUFACTURER.

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:US

E 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 B
Y 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: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, 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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