

MATHESON GAS PRODUCTS -- SULFUR HEXAFLUORIDE -- 6635-01-191-4927

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Product Identification
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Product ID:SULFUR HEXAFLUORIDE
MSDS Date:10/01/1985
FSC:6635
NIIN:01-191-4927
MSDS Number: BGQFJ
=== Responsible Party ===
Company Name:MATHESON GAS PRODUCTS
Address:61 GROVE STREET
Box:1147
City:GLOUCESTER
State:MA
ZIP:01931
Emergency Phone Num:617-283-7700
CAGE:65169
=== Contractor Identificati
on ===
Company Name:MATHESON TRI- GAS, INC.
Address:959 ROUTE 46 EAST
Box:City:PARSIPPANY
State:NJ
ZIP:07054-0624
Country:US
Phone:973-257-1100
CAGE:65169

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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%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Health Hazards Acute

and Chronic:SIMPLE ASPHYXIANT EFFECT.

Effects of Overexposure:RAPID RESPIRATION,DIZZINESS & FATIGUE.

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First Aid Measures
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First Aid:INH:REMOVE VICTIM TO FRESH AIR;IF NOT BREATHING,GIVE ARTIFICIAL RESPIRATION,PREFERABLY MOUTH TO MOUTH;IF BREATHING IS DIFFICULT,GIVE OXYGEN.CALL A PHYSICIAN.

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Fire Fighting Measures
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Extinguishing Media:USE PROPER MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:

NONE

Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures
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Spill Release Procedures:VENTILATE THE AREA. PERSONNEL ENTERING THE AREA SHOULD WEAR POSITIVE PRESSURE,SELF-CONTAINED BREATHING APPARATUS.

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Exposure Controls/Personal Protection
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Respiratory Protection:APPROVED RESPIRATORY EQUIPMENT MUST BE WORN WHEN AIRBORNE CONCENTRATION EXCEEDS SAFE LIMIT.

Ventilation:NORMAL.

Protective Gloves:NONE USUALLY

Eye Protection:SAFETY GLASSES.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:G3

Vapor Pres:320 PSIG

Vapor Density:5.114

Solubility in Water:5.4 CUM/KG

Appearance and Odor:COLORLESS,ODORLESS NONTOXIC GAS.

Percent Volatiles by Volume:100

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

MAY REACT VIOLENTLY WITH METALS SUCH AS

SODIUM,POTASSIUM,BARIUM,POWDERED MAGNESIUM OR

ALUMINUM, & DISILANE.

Stability Condition to Avoid:EXTREMELY HOT SURFACES,ELECTRIC ARCS.

Hazardous Decomposition Products:TOXIC FLUORINE & SULFUR COMPOUNDS.

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

Waste Disposal Methods:SEE SPILL/RELEASE PROCEDURE.

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