

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

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

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 Identification ===

Company Name:MATHESON TRI- GAS, INC.

Address:959 ROUTE 46 EA

ST

Box:City:PARSIPPANY

State:NJ

ZIP:07054-0624

Country:US

Phone:973-257-1100

CAGE:65169

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

Ingred Name:SULFUR HEXAFLUORIDE

CAS:2551-62-4

RTECS #:WS4900000

Fraction by Wt: 100%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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

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

Health Hazards Acute and Chronic:SIMPLE ASPHYXIAN EFFECT.

Effects of Overexposure:RAPI

D RESPIRATION,DIZZINESS & FATIGUE.

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

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.

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

Extinguishing Media:USE PROPER MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

===== Ac
cidental Release Measures =====

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

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

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

==

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

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

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

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 S

URFACES,ELECTRIC ARCS.

Hazardous Decomposition Products:TOXIC FLUORINE & SULFUR COMPOUNDS.

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

Waste Disposal Methods:SEE SPILL/RELEASE PROCEDURE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclai

ms all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.