

ALLIED-SIGNAL INC, ENGINEERED MATERIALS SECTOR -- ACCUDRI SF6 - SULFUR HEXAFLUORIDE
-- 6830-00-817-2342

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

Product ID:ACCUDRI SF6 - SULFUR HEXAFLUORIDE

MSDS Date:07/01/1993

FSC:6830

NIIN:00-817-2342

MSDS Number: BTRVS

=== Responsible Party ===

Company Name:ALLIED-SIGNAL INC, ENGINEERED MATERIALS SECTOR

Address:COLUMBIA RD AND PARK AVE

Box:1087R

City:MORRISTOWN

Stat

e:NJ

ZIP:07960

Country:US

Info Phone Num:800-522-8001

Emergency Phone Num:800-522-8001

CAGE:1L164

=== Contractor Identification ===

Company Name:ALLIED-SIGNAL INC

Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

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

Ingred Name:SULFUR HEXAFLUORIDE

CAS:2551-62-4

RTECS #:WS4900000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9394

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Hazards Identification
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LD50 LC50 Mixture:TLV: 1000 PPM

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

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

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:INHALATION- PURE SF6 IS OF A LOW ORDER OF TOXICITY, BUT MAY ACT AS AN ASPHYXIANT IF OXYGEN IS REDUCED TO BELOW 16%, AS INDICATED BY PALENESS AND POSSIBLE CYANOSIS (BLUE SKIN).

Medical Cond Aggravated by Exposure:NONE
SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:SKIN-WASH EXPOSED AREA THOROUGHLY, BUT GENTLY IN CASE OF FROSTBITE INJURY, WITH SOAP & WATER. CONTACT PHYSICIAN. EYES-WASH EYES WITH COPIOUS AMOUNTS OF WARM WATER FOR AT LEAST 15 MIN. CONTACT PHYSICIAN. INHALATION-IMMEDIATELY REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE CPR. IF BREATHING IS DIFFICULT, GIVE OXYGEN PROVIDED BY A QUALIFIED OPERATOR IS AVAILABLE. C

ONTACT A
PHYSICIAN.

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Fire Fighting Measures
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Extinguishing Media:IF INVOLVED IN A FIRE, USE DRY CHEMICAL OR CARBON DIOXIDE FOR SMALL FIRES, FOG, OR REGULAR FOAM FOR LARGE FIRES.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. COOL CYLINDERS EXPOSED TO HEAT OF FIRE WITH FLOODING AMOUNTS OF WATER. APPLY WATER FROM AS FAR A DISTANCE AS POSSIBLE.

Unusual Fire/Explosion Hazard:CYLINDERS MAY EXPLODE IN HEAT OF FIRE.

FI
RE MAY PRODUCE IRRITATING OR POISONOUS GASES.

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Accidental Release Measures
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Spill Release Procedures:(ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT) EVACUATE UNPROTECTIVE PERSONNEL. STAY UPWIND. PROTECTED PERSONNEL MAY SHUT OFF LEAK IF WITHOUT RISK. PRODUCT WILL DISPERSE ITSELF.

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Handling and Storage
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Handling and Storage Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE, HEAT AND SUNL

IGHT. STORE IN AN AREA OF LOW FIRE RISK.

OBSERVE PRECAUTIONS ON CYLINDER LABEL.

Other Precautions:PROTECT CYLINDERS FORM PHYSICAL DAMAGE.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS OR AIR SUPPLIED RESPIRATOR IF NEEDED.

Ventilation:GENERAL MECHNANICAL VENTILATION.

Protective Gloves:RUBBER GLOVES AND COVERALLS.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health NONE.

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

HCC:G3

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS, ODORLESS GAS.

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

Stability Indicator/Materials to Avoid:YES

AVOID LEAKAGE OF A LIQUIDIFIED GAS SUCH AS SF6 ONTO WATER OR CONTACT WITH HOT REACTIVE METALS.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIOND.

Hazardous Decompo

sition Products:FLUORIDES OF SULFUR, METAL FLUORIDES AND SULFIDES.

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

Waste Disposal Methods:CONSULT LOCAL, STATE AND FEDERAL REGULATIONS.

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