

PRAXAIR INC -- SULFUR HEXAFLUORIDE -- 6635-00-022-0365

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Product Identification
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Product ID:SULFUR HEXAFLUORIDE

MSDS Date:12/01/1992

FSC:6635

NIIN:00-022-0365

MSDS Number: BWBYQ

=== Responsible Party ===

Company Name:PRAXAIR INC

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06810-5113

Country:US

Info Phone Num:203-794-5782

Emergency Phone Num:203-794-5782/800-424-9300(CHEMTREC)

C

AGE:0LV01

=== Contractor Identification ===

Company Name:PRAXAIR, INC.

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06810-5113

Country:US

Phone:800-772-9247; 800-PRAXAIR

CAGE:0LV01

Company Name:STAVELEY INSTRUMENTS INC

Address:421 N QUAY

Box:City:KENNEWICK

State:WA

ZIP:99336-7735

Country:US

Phone:509-735-7550

CAGE:29192

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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%

Other REC

Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9394

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

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

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

Health Hazards Acute and Chronic:INGEST:UNLIKELY ROUTE OF EXPO BUT FROSTBITE OF LIPS & MOUTH MAY RESULT. INHAL:ASPHYXIAN. HIGH CONCEN MAY CAUSE HEADACHE,DROWSINESS,DIZZ,EXCITATION,EXCESS SALIVATION,VOMIT,UNCONSC.LACK OF OXY CAN CAUS E DEAT

H.EYE/SKIN:NO

HARMFUL EFFECTS EXPECTED FROM VAP.FROSTBITE FROM LIQ.

Effects of Overexposure:CHRONIC:NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION. FROSTBITES. HEADACHE, DROWSINESS, DIZZINESS, EXCITATION, EXCESS SALIVATION, VOMITING, UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:KNOWLEDGE OF AVAILABLE TOXICOLOGY INFO & OF PHYSICAL & CHEM PROPERTIES OF MATL SUGGEST THAT OVEREXPOSURE IS UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

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= First Aid Measures =====

First Aid:INGEST:MATL IS GAS @NORMAL TEMP/PRESSURE.SKIN:FOR LIQ EXPO IMMED WARM FROSTBITE AREA W/WARM WATER(NOT TO EXCEED 105F).IN CASE OF MASSIVE EXPO REMOVE CLOTH WHILE SHOWERING W/WARM WATER.CALL DR.INHAL:RE MOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.DIFF BREATH GIVE OXY.CALL DR.EYE:SPLASH CONTAMIN IMMED FLUSH THOROUGHLY W/WATER FOR @LEAST 15MINS.SEEK ADVICE OF DR PREFERABLY OPHTHALMOLOGIST IMMED.(SUPPLE)

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

Extinguishing Media:SULFUR HEXAFLUORIDE CANNOT CATCH FIRE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA.IMMED DELUGE CONTAINERS W/WATERSPRAY FROM MAXIMUM DISTANCE TIL COOL, THEN MOVE CONTAINERS AWAY FROM AREA IF W/O RISK.

Unusual Fire/Explosion Hazard:GAS CAN'T CATCH FIRE.CNTNR MAY RUPTURE DUE TO FIRE HEAT.NO PART OF CNTNR SHOULD BE SUBJ TO TEMP >52C(125F).MO

ST CNTNR HAVE PRESS-RELIEF DEVICE TO VENT @ HI TEMP

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE PERSONNEL TO SAFE DISTANCE.USE SCBA WHEN NEEDED.SHUT OFF IF W/O RISK.VENTILATE AREA OR MOVE LEAKING CNTNR TO WELL-VENTILATED AREA.TEST AREA ESPECIALLY CONFINED AREAS FOR SUFFICIENT OXY CONTEN T PRIOR TO PERMITTING RE-ENTRY OF PERSONNEL.

Neutralizing Agent:NONE SPECIFIED BY MFG.

===== Handling and Storage ===

Handling and Storage Precautions:LIQ GAS UNDER PRESS.USE PIPE/EQPMT ADEQUATELY DESIGNED TO W/STAND ENCOUNTERED PRESS.CAN CAUSE RAPID SUFFOCATION DUE TO OXY DEFICIENCY.

Other Precautions:STORE/USE W/ADEQUATE VENTILATION @ALL TIMES.CLS VALVE WHEN NOT IN USE/EMPTY.2 OR MORE GASE/LIQ GAS MIXED HAZ PROPERTIES MAY COMBINE TO CREATE ADDTN UNEXPECTED HAZ.OBTAIN/EVALUATE SAF INFO ON COMPONENT S BEFORE MIXING.CONSULT (SUPPLEMENT)

===== Exposure Controls/P

ersonal Protection =====

Respiratory Protection:USE AIR-SUPPLIED RESP WHERE LOC &/OR GEN EXH VENTILATION NOT ADEQUATE TO KEEP WORKER'S EXPO BELOW TLV.FULLFACE SCBA IN +PRESS DEMAND MODE WILL BE NECESSARY WHILE WORKING IN CONFINED SPACES/OXY DEFICIE NT ATM.MUST CONFORM W/OSHA 29CFR1910.134

Ventilation:LOC EXHA:TO MAINTAIN CONCEN OF HAZ FUME/GAS