

SCOTT SPECIALTY GASES -- ISOBUTYLENE IN AIR -- 6665-01-214-8247

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

Product ID:ISOBUTYLENE IN AIR

MSDS Date:04/23/1992

FSC:6665

NIIN:01-214-8247

MSDS Number: BVRGC

=== Responsible Party ===

Company Name:SCOTT SPECIALTY GASES

Address:ROUTE 611 NORTH

City:PLUMSTEADVILLE

State:PA

ZIP:18949

Country:US

Info Phone Num:215-766-8861

Emergency Phone Num:215-766-8861; 908-754-7700

CAGE:51847

=== Contractor Identification ===

Company Name:S

COTT SPECIALTY GASES

Address:6141 EASTON RD (6141 ROUTE 611)

Box:310

City:PLUMSTEADVILLE

State:PA

ZIP:18934

Country:US

Phone:215-766-8861/ FAX: 215-766-0416

CAGE:51847

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

Ingred Name:PROPENE, 2-METHYL-; (ISOBUTYLENE)

CAS:115-11-7

RTECS #:UD0890000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:AIR, REFRIGERATED LIQUID; AIR COMPRESSED (UN1002, DOT); AIR
REFRIGERATED LIQUID (CRYOGENIC LIQUID) (UN1003) (DOT)

RTECS #:AX5271000

OSHA P

EL:N/K
ACGIH TLV:N/K

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

LD50 LC50 Mixture:NONE SPECIFIED 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:CONCENTRATION OF ISOBUTYLENE IS
THIS MIXTURE SHOULD NOT PRESENT ANY SYMPTOMS OF TOXICITY.
CHRONIC:NONE.
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURE
R.
Medical Cond Aggravated by Exposure:NONE.

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

First Aid:INGEST:CALL MD IMMEDIATELY . EYES:IMMEDIATELY FLUSH W/POTABLE
WATER FOR A MINIMUM OF 15 MINUTES, SEEK ASSISTANCE FROM MD .
SKIN:FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD . INHAL:IMME DIATELY
REMOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE
ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

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

Flash Point:NONFLAMMABLE
Extinguishing Media:USE WHAT IS APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT . USE WATER SPRAY TO KEEP FIRE EXPOSED CYLINDERS COOL.
Unusual Fire/Explosion Hazard:COMPRESSED AIR AT HIGH PRESSURES WILL
ACCELERATE THE BURNING OF FLAMMABLE MATERIALS.

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

Spill Release Procedures:EVACUATE & VENTILATE AREA.
REMOVE LEAKING
CYLINDER TO EXHAUST HOOD OR SAFE OUTDOORS AREA IF THIS CAN BE DONE
SAFELY.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN WELL VENTILATED AREAS ONLY.
KEEP VALVE PROT CAP ON CYLS WHEN NOT IN USE & SECURE CYL WHEN USING
TO PROT FROM FALLING.
Other Precautions:USE SUITABLE HAND TRUCK TO MOVE CYLS. PROT CYLS FROM
PHYSICAL DMG. DO NOT DEFACE CYLS/LBLS.

MOVE CYL W/ADEQ HAND TRUCK.
CYL SHOULD BE REFILLED BY QUALIFIED PRODUCERS OF COMPRESSED GAS.
SHIPMENT OF COM PRESSED GAS CYL WHICH HAS NOT (SUPDAT)

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

Respiratory Protection:USE NIOSH/MSHA APPROVED SCBA IN CASE OF
EMERGENCY OR NON-ROUTINE USE.
Ventilation:PROVIDE ADEQUATE GENERAL & LOCAL EXHAUST VENTILATION.
Protective Gloves:RUBBER GLOVES.
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .
Other Protective Equipment:
WEAR SAFETY SHOES. A SAFETY SHOWER & EYEWASH
STATION SHOULD BE READILY AVAILABLE.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
OTHER PREC:BEEN FILLED BY OWNER OR WITH HIS WRITTEN CONSENT IS A
VIOLATION OF FEDERAL LAW (49 CFR).

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

HCC:G3
Boiling Pt:B.P. Text:-318F,-194C
Vapor Density:1.2
Spec Gravity:0.88 (H*2O=1)
Solubility in Water:INSOLUBLE
Appearance and Odor:COLORLESS GAS W/P
OSSIBLE SLIGHT OLEFINIC ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
NONE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:NONE.

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

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL
REGULATIONS . RETURN CYLS TO SUPPLIER FOR PROPER DISP W/ANY VALVE
OUTLET

PLUGS/CAPS SECURED & VALVE PROT CAP IN PLACE. ALLOW GAS TO
DISCHARGE AT SLO W RATE TO ATM IN UNCONFINED AREA/EXHST HOOD.

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