

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

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Product Identification  
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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:SCOTT 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

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Composition/Information on Ingredients  
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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 L

IQUID (CRYOGENIC LIQUID) (UN1003) (DOT)

RTECS #:AX5271000

OSHA PEL:N/K

ACGIH TLV:N/K

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===== 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:NO

T RELEVANT

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE.

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===== 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 DIFF ICULT, GIVE OXYGEN.

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===== 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.

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

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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.

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===== 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)

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===== 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 Protectio  
n: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).

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

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

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

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

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===== 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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