

SCOTT SPECIALTY GASES, INC -- CARBON DIOXIDE IN NITROGEN,7916286-2 -- 6830-01-100-2215
===== Product Identification =====

Product ID:CARBON DIOXIDE IN NITROGEN,7916286-2

MSDS Date:12/05/1991

FSC:6830

NIIN:01-100-2215

Kit Part:Y

MSDS Number: BZBCX

=== Responsible Party ===

Company Name:SCOTT SPECIALTY GASES, INC

Address:6141 EASTON ROAD

City:PLUMSTEADVILLE

State:PA

ZIP:18949

Country:US

Info Phone

Num:215-766-8861

Emergency Phone Num:215-766-8861

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

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

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/3000

OSTEL;95

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fraction by Wt: 80%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:ASPHYXIAN; 9495

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

LD50 LC50 Mixture:NOT RELEVANT

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:RESPIRATORY TRACT.

ACUTE- NITROGEN ACTS AS A SIMPLE ASPHYXIAN. CARBON DIOXIDE MAY ACT ON C

ENTRAL NERVOUS SYSTEM. COLLAPSE AND DEATH MAY OCCUR. MIXTURE

REPLACES AIR WHICH IS NECESSARY FOR LIFE. CHRONIC- NONE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:TINGLING OF FINGERS AND TOES, VISUAL

DISTURBANCES, ABNORMAL SENSATIONS, IMPAIRED COORDINATION,

CONFUSION, MUSCLE TWITCHING, FATIGUE, NAUSEA, UNCONSCIOUSNESS,

DIZZINESS, COLLAPSE, DEATH

Medical Cond Aggravated by Exposure:NONE

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

First Aid

:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL FOR SURROUNDING FIRE. AIR CANNOT CATCH FIRE.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS IF NEEDED.

Unusual Fire/Explosion Hazard:GAS CYLINDERS MAY RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.
REMOVE LEAKING CYLINDERS TO EXHAUST HOOD OR SAFE OUTDOOR AREA.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE UPRIGHT, IN COOL, DRY AREA BELOW
125F AWAY FROM HEAVILY TRAFFIC AREAS & EMERGENCY EXITS. SECURE
CYLINDERS. DO NOT DROP.

Other Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE. DO NOT DEFACE
CYLINDERS OR LABELS. CYLINDERS SHOULD BE REFILLED BY QUALIFIED
PRODUCERS OF COMPRESSED GASES.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE
CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS.

Protective Gloves:

LEATHER RECOMMENDED (HANDLING CYLINDERS)

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective Equipment:SAFETY SHOES RECOMMENDED

Work Hygienic Practices:WASH HANDS THOROUGHLY BEFORE EATING OR
DRINKING.

Supplemental Safety and Health

KEY1:G3. THE KIT CONSISTS OF THREE PARTS. PART ONE HAS P/N 7916286-1
(PNI B), PART TWO HAS P/N 7916286-2 (PNI C), PART THREE HAS P/N
7916286-3 (PRESSURE REGULATOR).

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

HCC:G3

NRC/St

ate Lic Num:NOT RELEVANT

Decomp Temp:Decomp Text:3092F,1700C

Vapor Density:0.97-1.08

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT (GAS)

Solubility in Water:0.759% (CO2) @ 68F

Appearance and Odor:COLORLESS, ODORLESS GAS IN CYLINDERS

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACRYLALDEHYDE, ETHYLENEIMENE, ALKALINE MATERIALS

Stability Condition to Avoid:EXCESSIVE HEAT (TEMPE

RATURES ABOVE 125F)

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE AND OXYGEN.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS. RETURN TO SUPPLIER FOR PROPER DISPOSAL.

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