



NITROUS OXIDE,REFRIGERATED LIQUID

MSDS Number

BBLMF

National Stock Number

6810-00F002678

Product Name

NITROUS OXIDE,REFRIGERATED LIQUID

Manufacturer

AIRCO INC AIRCO INDUSTRIAL GASES DIV

Product Identification

Product ID:NITROUS OXIDE,REFRIGERATED LIQUID

MSDS Date:07/01/1986

FSC:6810

NIIN:00F002678

MSDS Number: BBLMF

Responsible Party

AIRCO INC;AIRCO INDUSTRIAL GASES DIV

575 MOUNTAIN AVE

MURRAY HILL , NJ 07974-2006

US

Emergency Phone: 201-464-8100

Info Phone: 201-464-8100

Cage: EO687

Contractor

AIRCO INC;AIRCO INDUSTRIAL GASES DIV

MURRAY HILL, NJ 07974-2006

US

201-464-8100

Cage: EO687

Ingredients

NITROUS OXIDE

CAS: 10024-97-2

RTECS: QX1350000

Fraction By Weight: 100.0%

ACGIH TLV: 50 PPM; 9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE:NITROUS OXIDE IS A SLIGHT NARCOTIC BUT LACKS SUBSTANTIAL TOXICITY;FROSTBITE,BLISTERING;LACK OF OXYGEN CAUSES,DIZZINESS,DEEPER BREATHING,NAUSEA,UNCONSCIOUSNESS. CHRONIC:CRYOGENIC BURNS.

Effects of Overexposure:SEE HEALTH HAZARD DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid

First Aid:REMOVE ALL FRESH AIR IN CASE OF INHALATION,CPR CALL A



PHYSICIAN IMMEDIATELY. EYES: FLUSH WITH LARGE AMOUNTS OF WATER, CALL A PHYSICIAN IMMEDIATELY. FROSTBITE: FLUSH AFFECTED AREAS WITH LUKEWARM WATER; DO NOT USE HOT WATER; CALL A PHYSICIAN IMMEDIATELY.

Fire Fighting

Flash Point: NONE
Extinguishing Media: COPIOUS QUANTITIES OF WATER.
Fire Fighting Procedures: STOP FLOW OF NITROUS OXIDE, WHICH IS SUPPORTING FIRE.
Unusual Fire/Explosion Hazard: NONE NOTED.

Accidental Release

Spill Release Procedures: EVACUATE ALL PERSONNEL FROM AFFECTED AREA; USE APPROPRIATE PROTECTIVE EQUIPMENT; SEEK PROFESSIONAL HELP.
Neutralizing Agent: NR

Handling

Handling and Storage Precautions: USE PROPER PROTECTION AS DIRECTED BY THE MFR.

Exposure Controls

Respiratory Protection: USE NIOSH/MSHA APPROVED SCBA IN CASE OF EMERGENCY (LEAK OR SPILL).
Ventilation: LOCAL/EXHAUST OR MECHANICAL.
Protective Gloves: LOOSE FITTED INSULATED.
Eye Protection: SAFETY GOGGLES/GLASSES.
Other Protective Equipment: SAFETY SHOES, SAFETY SHOWER.
Work Hygienic Practices: AVOID CONTACT WITH EYES AND SKIN; USE PROPER PROTECTION, AS DIRECTED BY THE MFR.
Supplemental Safety and Health
NITROUS OXIDE VESSELS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GASES.

Chemical Properties

HCC: G1
Boiling Pt: B.P. Text: -127.2F
Melt/Freeze Pt: M.P/F.P Text: -131.5F
Vapor Pres: -745 PSIA
Solubility in Water: SLIGHTLY SOLUBLE
Appearance and Odor: COLORLESS GAS WITH SLIGHTLY SWEET TASTE AND ODOR; REFRIGERATED LIQUID IS WATERLI

Stability

Stability Indicator/Materials to Avoid: YES
ALL FLAMMABLE MATERIAL.
Stability Condition to Avoid: EXTREME HEAT, OPEN FLAMES, SPARKS.
Hazardous Decomposition Products: NONE NOTED.

Disposal

Waste Disposal Methods: DO NOT ATTEMPT TO DISPOSE OF RESIDUAL OR UNUSED QUANTITIES; CONTACT AIRCO PROFESSIONAL FOR ASSISTANT.

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