

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

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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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