

BIG THREE INDUSTRIES INC -- NITROUS OXIDE -- 6505-00-130-1940

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

Product ID:NITROUS OXIDE

MSDS Date:08/31/1989

FSC:6505

NIIN:00-130-1940

MSDS Number: BMNPN

=== Responsible Party ===

Company Name:BIG THREE INDUSTRIES INC

Box:3047

City:HOUSTON

State:TX

ZIP:77253

Info Phone Num:(713) 868-0302

Emergency Phone Num:(713) 868-0302

CAGE:17688

=== Contractor Identification

===

Company Name:AIR LIQUIDE AMERICA CORPORATION

Address:2700 POST OAK DRIVE

Box:City:HOUSTON

State:TX

ZIP:77056-8229

Country:US

Phone:713-896-2896;800-231-1366

CAGE:17688

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

Ingred Name:NITROUS OXIDE

CAS:10024-97-2

RTECS #:QX1350000

= Wt:100.

Other REC Limits:50 PPM

ACGIH TLV:1050 MG/CUM

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

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

Reports of Carci

nogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: ASPHYXIATION, HYSTERIA, DIZZINESS, UNCONSCIOUSNESS, DEATH, ANAESTHETIC, CENTRAL NERVOUS SYSTEM, INTOXICATION. EYE: IF CONTACT W/CRYOGENIC LIQUID NITROUS OXIDE HAS CAUSED FROSTBITE. DON'T RUB THE AFFECTED AREA, AS TISSUE DAMAGE MAY OCCUR.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: CONTACT W/COLD LIQUID OR COLD VAPOR MAY CAUSE FROSTBITE. THESE HAZARDS INCLUDED INCIDENTS OF CONGENITAL ABNORMALITIES & SPONTANEOUS ABORTIONS.

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

First Aid:INHALATION: REMOVE INTO FRESH AIR. IF VICTIM ISN'T BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. EYES: FLUSH AFFECTED AREAS W/WARM WATER. DON'T USE HOT WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:NONFLAMMABLE.

SHUT OFF NITROUS OXIDE IF POSSIBLE.

USE APPROPRIATE FIRE-EXTINGUISHING MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:IF POSSIBLE, REMOVE NITROUS OXIDE CYLINDERS FROM FIRE AREA OR COOL W/WATER TO AVOID EXCESSIVE PRESSURE BUILDUP. SCBA MAY BE REQUIRED FOR RESCUE WORKERS.

Unusual Fire/Explosion Hazard:PRESSURE CAN BUILD UP DUE TO HEAT & CYLINDER MAY EXPLODE IF PRESSURE RELIEF DEVICES SHOULD FAIL TO RELIEVE PRESSURE.

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

Spill Release Procedures:EVACUATE SPILL AREA. SHUT OFF SOURCE IF POSSIBLE.

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

Handling and Storage Precautions:STORE & USE W/ADEQUATE VENTILATION.

DON'T STORE W/IN 20 FT OF FLAMMABLE OR COMBUSTIBLE MATERIALS. DON'T EXCEED TEMPS OF 125F. AVOID INHALATION OF GAS.

Other Precautions:PRESSURE REGULATORS SHOULD NEVER BE PLACED ON "SIPHON" OR "DIP TUBE" CYLINDERS THAT ARE DESIGNATED TO DISPENSE LIQUID

ID. NEVER STRIKE A WELDING ARC ON ANY COMPRESSED GAS CYLINDER.
NOX GAS IS >AIR/MAY TEND TO COLLECT IN LOW AREAS.

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

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS OR
POSITIVE PRESSURE AIR LINE W/MASK IN OXYGEN-DEFICIENT ATMOSPHERES.
RESPIRATORS WILL NOT FUNCTION.

Ventilation:LOCAL EXHAUST/MECHANICAL: ADEQUATE TO AVOID LOWERING OXYGEN
CONTENT TO