

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

Product ID:NITROUS PLUS

MSDS Date:03/01/1992

FSC:6505

NIIN:00-130-1920

MSDS Number: BPXCN

=== Responsible Party ===

Company Name:NATIONAL WELDERS SUPPLY/NATL SPECIALTY GASES DIV.

Address:630 UNITED DRIVE

City:DURHAM

State:NC

ZIP:27713

Country:US

Info Phone Num:919-544-3772

Emergency Phone Num:800-866-4422/800-424-9300(CHEMTREC)

CAGE:0N9V1

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= Contractor Identification ===

Company Name:NATIONAL WELDERS SUPPLY CO INC00

Address:630 UNITED DRIVE

Box:City:DURHAM

State:NC

ZIP:27713

Country:US

Phone:800-866-4422

CAGE:0N9V1

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

Ingred Name:NITROUS OXIDE

CAS:10024-97-2

RTECS #:QX1350000

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:50 PPM; 9293

Ingred Name:SULFUR DIOXIDE (SARA III)

CAS:7446-09-5

RTECS #:WS4550000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 PPM/5 STEL

ACGIH

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

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

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

Health Hazards Acute and Chronic:HEALTH HAZARDS- ACUTE: NITROUS OXIDE SHOULD BE CONSIDERED A SIMPLE ASPHYXIAN. IT IS SLIGHTLY NARCOTIC, BUT IT LACKS SUBSTANTIAL TOXICITY. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:INHALATION: HIGH CONCENTRATIONS OF NITROUS OX

IDE SO AS TO EXCLUDE AN ADEQUATE SUPPLY OF OXYGEN TO THE LUNGS CAUSES DIZZINESS, DEEPER BREATHING DUE TO AIR HUNGER, POSSIBLE NAUSEA AND EVENTUAL UNCONSCIOUSNESS.

Medical Condition Aggravated by Exposure:PERSONS IN ILL HEALTH SHOULD NOT BE ALLOWED TO WORK OR HANDLE THIS PRODUCT.

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

First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO NITROUS OXIDE. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH

SELF-CONTAINED BREATHING APPARATUS. IN CASE OF INHALATION, REMOVE TO FRESH AIR, GIVE MOUTH-TO-MOUTH RESUSCITATION AND SUPPLEMENTAL OXYGEN IF NEEDED. FURTHER TREATMENT SHOULD BE SYMPTOMATIC AND SUPPORTIVE.

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

Extinguishing Media:WATER.

Fire Fighting Procedures:IF POSSIBLE STOP THE FLOW OF NITROUS OXIDE WHICH IS SUPPORTING THE FIRE. IF CYLINDERS ARE INVOLVED IN A FIRE, SAFELY RELOCATE OR KEEP COOL WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NITROUS OXIDE CAN DECOMPOSE TO EXOTHERMICALLY TO OXYGEN AND NITROGEN AT ELEVATED TEMPERATURES. THIS DECOMPOSITION CAN TAKE PLACE WITH EXPLOSIVE FORCE.

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

Spill Release Procedures:EVACUATE ALL PERSONNEL. USE APPROPRIATE PROTECTIVE EQUIPMENT. IF LEAK IS IN CONTAINER OR VALVE, CONTACT SUPPLIER OR EMERGENCY NUMBER. IF LEAK IS IN USER'S EQUIPMENT, PURGE PIPING WITH INERT GAS BEFORE

ORE ATTEMPTING REPAIRS.

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

Handling and Storage Precautions:STORE IN COOL (