

NATIONAL WELDERS SUPPLY/NATL SPECIALTY GASES DIV. -- NITROUS PLUS -- 6505-00-130-1920

===== 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

Emerg

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

CAGE:0N9V1

=== 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 #:WS455000

0  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 PPM/5 STEL  
ACGIH TLV:2 PPM/5 STEL; 9293

===== 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 ASPHYXIANT. IT IS SLIGHTLY NARCOTIC,  
BUT IT LACKS SUBSTANTIAL TOXICITY. CHRONIC: NONE SPECIFIED BY  
MANUFACTURER.

Effects o

f Overexposure:INHALATION: HIGH CONCENTRATIONS OF NITROUS  
OXIDE 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 Cond 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 ATTEMPTING REPAIRS.

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

Handling and Storage Precautions:STORE IN COOL (