

NATIONAL WELDERS SUPPLY CO INC -- OXYGEN -- 6830-00-945-3961

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

Product ID:OXYGEN

MSDS Date:01/01/1991

FSC:6830

NIIN:00-945-3961

MSDS Number: BRGYD

=== Responsible Party ===

Company Name:NATIONAL WELDERS SUPPLY CO INC

Address:810 GESCO

Box:31007

City:CHARLOTTE

State:NC

ZIP:28231

Country:US

Info Phone Num:704-333-5475

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

CAGE:18264

=== Contractor Identification ===

Company Name

:NATIONAL WELDERS SUPPLY CO INC

Address:810 GESCO ST

Box:31007

City:CHARLOTTE

State:NC

ZIP:28231

Country:US

Phone:704-333-5475

CAGE:18264

Company Name:NATIONAL WELDERS SUPPLY CO, INC

Address:2330 BOWDENS FERRY ROAD

Box:City:NORFOLK

State:VA

ZIP:23508

Country:US

Phone:804-627-5673

CAGE:0SSR7

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

Ingred Name:OXYGEN

CAS:7782-44-7

RTECS #:RS2060000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

===== Hazards

Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:BREATHING HIGH CONCENTRATIONS (GREATER THAN 75 MOLAR PERCENT) CAUSES SYMPTOMS OF HYPEROXIA WHICH INCLUDE CRAMPS, NAUSEA, DIZZINESS, HYPOTHERMIA, AMBYLOPIA, RESPIRATORY DIFFICULTIES, BRADYCARDIA, FAINT ING SPELLS, AND CONVULSIONS CAPABLE OF LEADING TO DEATH.

Effects of Overexposure:BREATHING HIGH CONCENTRATIONS (GREATER THAN 75 MOLAR PERCENT) CAUSES SYMPTOMS OF HYPEROXIA WHICH INCLUDE CRAMPS, NAUSEA, DIZZINESS, HYPOTHERMIA, AMBYLOPIA, RESPIRATORY DIFFICULTIES, BRADYCARDIA, FAINT ING SPELLS, AND CONVULSIONS CAPABLE OF LEADING TO DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO OXYGEN. MOVE CONSCIOUS PERSON TO FRESH AIR AND KEPT WARM AND QUIET. PHYSICIAN SHOULD BE INFORMED THAT VICTIM IS EXPERIENCING HYPER OXIA. MOVE UNCONSCIOUS PERSON TO FRESH AIR AND GIVE CPR. WHEN BREATHING RESTORED, KEEP VICTIM WARM AND QUIET AND INFORM PHYSICIAN THAT VICTIM IS EXPERIENCING HYPEROXIA.

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

Extinguishing Media:COPIOUS QUANTITIES OF WATER WITH OXYGEN AS OXIDIZER.

Fire Fighting Procedures:

IF POSSIBLE, STOP THE FLOW OF OXYGEN WHICH IS SUPPORTING THE FIRE.

Unusual Fire/Explosion Hazard:OXYGEN VIGOROUSLY ACCELERATES COMBUSTION. CONTACT WITH ALL FLAMMABLE MATERIALS SHOULD BE AVOIDED. SOME MATERIALS NOT FLAMMABLE IN AIR WILL BURN IN PURE OXYGEN.

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

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA. IF LEAK IS IN USER'S EQUIPMENT, BE CERTAIN TO PURGE PIPING WITH AN IN

ERT GAS PRIOR TO ATTEMPTING REPAIRS. IF LEAK IS IN CONTAINER OR  
CONTAINER VALVE, CONTACT YOUR CLOSEST SUPPLIER LOCATION.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED  
AREA AWAY FROM FLAMMABLE PRODUCTS, AND AT TEMPERATURES NOT  
EXCEEDING 130F(54C). STORE UPRIGHT AND FIRMLY SECURED.

Other Precautions:SEGREGATE FULL AND EMPTY CYLINDERS. USE "FIR  
ST

IN-FIRST OUT" INVENTORY SYSTEM. USE ONLY IN WELL VENTILATED AREA.  
VALVE PROTECTION CAP AND VALVE OUTLET THREADED PLUGS MUST REMAIN IN  
PLACE UNLESS CONTAINER IS SECURED AND PIPED TO USE POINT.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:PROVIDE MECHANICAL (GENERAL) AND LOCAL EXHAUST VENTILATION  
TO PREVENT ACCUMULATION OF OXYGEN ABOVE 25 MOLAR PERCENT.

Protective Gloves:AS REQUIRED. ANY  
MATERIAL.

Eye Protection:SAFETY GOGGLES OR SAFETY GLASSES.

Other Protective Equipment:SAFETY SHOES, SAFETY SHOWER.

Work Hygienic Practices:NORMAL GOOD WORK HYGIENIC PRACTICE IS ADEQUATE.

Supplemental Safety and Health

DO NOT DRAG,SLIDE,ROLL CYLINDERS.USE SUITABLE HAND TRUCK FOR CYLINDER  
MOVEMENT.USE PRESSURE REDUCING REGULATOR WHEN CONNECTING CYLINDER  
TO LOWER PRESSURE (