

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(CHE  
MTREC)  
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%  
O

ther REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====  
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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, BRADYCARDI

A, 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.

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

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===== Fire Fighting Measures =====  
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Extinguishing Media:CO  
PIOUS 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.

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===== Accidental Release Measures =====  
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Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA. IF LEAK I

S IN USER'S EQUIPMENT, BE CERTAIN TO PURGE PIPING WITH AN INERT GAS PRIOR TO ATTEMPTING REPAIRS. IF LEAK IS IN CONTAINER OR CONTAINER VALVE, CONTACT YOUR CLOSEST SUPPLIER LOCATION.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== 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 "FIRST 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.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:PROVDE 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 HYGENIC 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 (