View NSN Online: https://aerobasegroup.com/nsn/1660-00-253-5976 AGA GAS INC -- OXYGEN, COMPRESSED, 295 A 121 -- 8120-00-253-5976 Product ID:OXYGEN, COMPRESSED, 295 A 121 MSDS Date:03/01/1991 FSC:8120 NIIN:00-253-5976 MSDS Number: CDLVF === Responsible Party === Company Name: AGA GAS INC Address:6225 OAKTREE BLVD Box:94737 City:CLEVELAND State:OH ZIP:44131 Country:US Info Phone Num:216-642-6600/304-485-3555 **Emergency Phone Num:216** -642-6600 CAGE:0KPC9 === Contractor Identification === Company Name: AGA GAS INC Address:6225 OAKTREE BLVD Box:94737 City:CLEVELAND State:OH ZIP:44101-4737 Country:US Phone:216-642-6600 CAGE:0KPC9 Company Name: ERIE MFG CO (800-558-3916) **Box:UNKNOW** CAGE:20846 ======= Composition/Information on Ingredients ======== Ingred Name: OXYGEN

CAS:7782-44-7

RTECS #:RS2060000

Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixtu

re:NOT RELEVANT

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:LUNGS, CNS. ACUTE-

EYE/SKIN/ORAL:UNLIKELY (GAS). INHALE:HIGH CONCENTRATIONS (>75 MOLAR
%) MAY CAUSE HYPEROXIA (CNS EFFECTS) WITH SYMPTOMS OF DIZZINESS,
NAUSEA, CRAMPS, HYPOTHERMIA, RESPI RATION DIFFICULTIES,
UNCONSCIOUSNESS/FAINTING, HEARING PROBLEMS, CONVULSIONS CAPABLE O

UNCONSCIOUSNESS/FAINTING, HEARING PROBLEMS, CONVULSIONS CAPABLE OF LEADING TO DEATH. CHRONIC- NONE.

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xplanation of Carcinogenicity:OXYGEN IS NOT LISTED AS A CARCINOGEN BY THE IARC, NTP OR OSHA.

Effects of Overexposure:COUGH, SORE THROAT, CHEST PAIN, DIZZINESS, TINGLING SENSATION, MUSCULAR TWITCHING, UNCONSCIOUSNESS, HEARING PROBLEMS, CONVULSIONS, DEATH

First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO OXYGEN. RESCUE PERSONNEL SHOULD BE AWARE OF EXTREME FIRE HAZARD ASSOCIATED

WITH OXYGEN-RICH ATMOSPHERE. INHALED:REMOVE TO FRESH AI R. PROVIDE CPR IF NEEDED. TREATMENT SHOULD BE SYMPTOMATIC AND SUPPORTIVE.

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

Flash Point:NON-FLAMMABLE Lower Limits:NOT RELEVANT Upper Limits:NOT RELEVANT

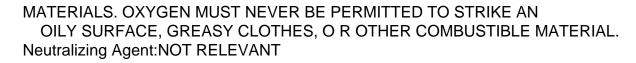
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM/DRY CHEMICAL FOR SURROUNDING FIRE. WATER IS PREFERRED EXTINGUISHER FOR COMBUSTIBLES.

Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. MOVE CONTAINERS AWAY IF POSSIBLE. STOP FLOW OF OXYGEN WHICH IS SUPPORTING THE FIRE.

Unusual Fire/Explosion Hazard:ACCELERATES COMBUSTION. CONTACT WITH EASILY OXIDIZABLE ORGANIC/COMBUSTIBLE MATERIALS MAY RESULT IN IGNITION, VIOLENT COMBUSTION OR EXPLOSION.

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

Spill Release Procedures:STOP LEAK IF WITHOUT RISK. VENTILATE AREA OR MOVE LEAKING CONTAINER TO WELL-VENTILATED AREA. REMOVE ALL FLAMMABLE



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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AREA AWAY FROM INCOMPATIBLES. STORE CYLINDERS UPRIGHT & SECURED, BELOW 125F/52C. PROTECT CYLINDERS FROM PHYSICAL DAMAGE

Other Precautions:OXYGEN VIGOROUSLY ACCELERATES COMBUSTION. AVOID CONTACT WITH OI

LS, GREASES AND OTHER FLAMMABLE MATERIALS.

NOTE:REVERSE FLOW INTO CYLINDER MAY CAUSE RUPTURE. NEVER WORK ON A PRESSURIZED SYSTEM. NEVER L UBRICATE USING COMBUSTIBLES.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL USE. HOWEVER,
NIOSH-APPROVED AIR-SUPPLIED RESPIRATORS ARE REQUIRED WHILE WORKING
IN CONFINED SPACES WITH THIS PRODUCT. THE RESPIRATORY PROTECTION
USE MUST CONFORM WITH OSHA RULES AS SPECIFIED I
N 29 CFR 1910.134.

Ventilation:LOCAL EXHAUST TO PREVENT ACCUMULATION OF OXYGEN CONCENTRATION. MECHANICAL (GENERAL) IS ACCETABLE.

Protective Gloves: ANY MATERIAL FOR CYLINDER HANDLING

Eye Protection: SAFETY GOGGLES/GLASSES

Other Protective Equipment:SAFETY SHOES FOR CYLINDER HANDLING, SAFETY SHOWER, EYE WASH FOUNTAIN

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING AND AFTER HANDLING.

Supplemental Safety and

Health

OXYGEN SHOULD NOT BE USED AS A SUBSTITUTE FOR COMPRESSED AIR IN PNEUMATIC EQUIPMENT SINCE THIS TYPE GENERALLY CONTAINS FLAMMABLE LUBRICANTS. EQUIPMENT TO CONTAIN OXYGEN MUST BE "CLEANED FOR OXYGEN SER VICE". COMPRESSED GAS CYLINDERS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GASES. READ LABELS.

======== Physical/Chemical Properties ===========

HCC:G4

NRC/State Lic Num:NOT RELEVANT Boiling Pt:B.P. Text:-297F,-183C

Melt/Freeze Pt:

M.P/F.P Text:-362F,-219C Vapor Density:1.11 Spec Gravity:1.141 (LIQUID) Viscosity: NOT RELEVANT Evaporation Rate & Evaporation R Solubility in Water:SLIGHT Appearance and Odor: COLORLESS, ODORLESS GAS AT NORMAL TEMPERATURE AND **PRESSURE** Percent Volatiles by Volume:100 ========= Stability and Reactivity Data ============= Stability Indicator/Materials to Avoid:YES ALL FLAMMABLE MATERIALS ESPECIALLY OILS AND GREASES, COMBUSTIBLE **MATERIALS** Stability Condition to Av oid:HEATING CYLINDERS TO INCREASE FLOW RATE Hazardous Decomposition Products: NONE ======== Disposal Considerations =============

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT ATTEMPT TO DISPOSE OF RESIDUAL OR UNUSED QUANTITIES. RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED, WITH ANY VALVE OR CAPS SECURED TO YOUR SUPPLIER FOR PROPER DISPOSAL

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