City:ALLENTOWN State:PA

Address:7201 HAMILTON BLVD

ZIP:18195-1501 Country:US

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nfo Phone Num:215-481-4911

Emergency Phone Num:215-481-4911 OR 800-523-9374

CAGE:00742

=== Contractor Identification ===

Company Name: AIR PRODUCTS AND CHEMICALS INC

Address:7201 HAMILTON BLVD

Box:City:ALLENTOWN

State:PA

ZIP:18195-1501 Country:US

Phone:800-345-3148/800-752-1597

CAGE:00742

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

Ingred Name:OXYGEN CAS:7782-44-7

RTECS #:RS2060000

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

LD50 LC50 Mixture

:NONE SPECIFIED BY MANUFACTURER.

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

Health Hazards Acute and Chronic:OXYGEN IS NON TOXIC UNDER MOST CONDITIONS OF USE AND IS NECESSARY TO SUPPORT LIFE. LIQUID OXYGEN OR COLD GAS WILL FREEZE TISSUES AND CAN CAUSE SEVERE CRYOGENIC BURNS. BREATHING OF PURE OXYGEN AT 60% M AY PRODUCE COUGH & CHEST PAIN, CNS MANIFESTATIONS. INFANTS EXPOSED TO 35-40% OXYGEN MAY SUFFER PERMANENT VISUAL DAMAGE.

Explanation of Carcinogenicity: NONE SPEC

IFIED BY MANUFACTURER.

Effects of Overexposure:WHEN EXPOSED TO 60% OXYGEN, SYMPTOMS INCLUDE COUGHING AND CHEST PAIN. THESE SYMPTOMS MAY BE SEEN IN SEVERAL DAYS. AT TWO ATMOSPHERES SYMPTOMS OCCUR IN 2-3 HOURS. INFANTS EXPOSED TO OXYGEN LEVELS IN EX CESS OF 35-40% MAY SUFFER PERNAMENT VISUAL IMPAIRMENT OR BLINDNESS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid:IF CRYOGENIC LIQUID

OR COLD BOIL-OFF GAS CONTACTS A WORKER'S

SKIN OR EYES, FROZEN TISSUES SHOULD BE FLOODED OR SOAKED WITH TEPID WATER (105-115F; 41-46C). DO NOT USE HOT WATER. BURNS WHICH RESULT IN B LISTERING OR DEEPER TISSUE FREEZING SHOULD BE SEEN PROMPTLY BY A PHYSICIAN.

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

Flash Point:NONE

Extinguishing Media: NONE SPECIFIED BY MANUFACTURER.

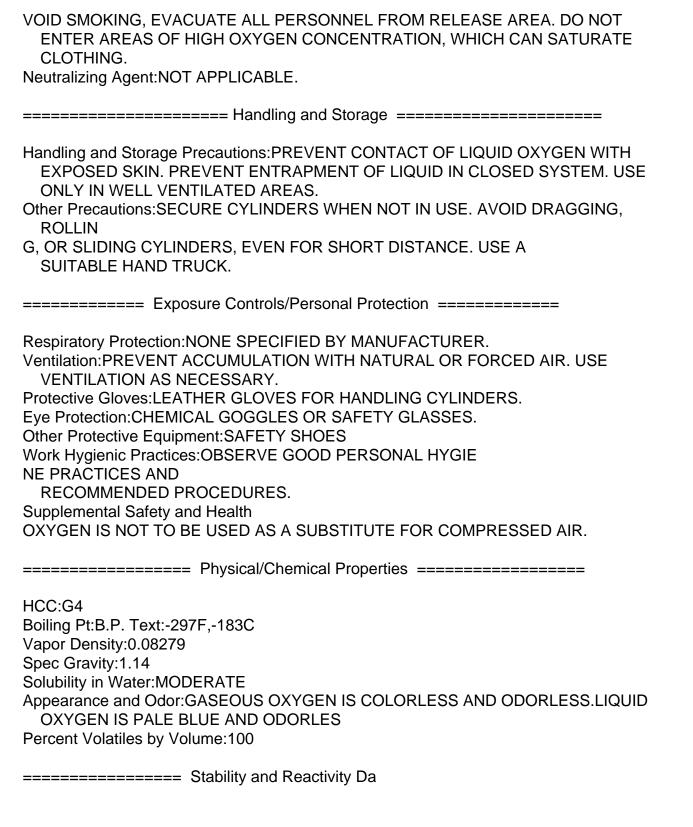
Fire Fighting Procedures:OXYGEN IS NONFLAMMABLE, BUT SUPPORTS AND VIGOROUSLY ACCEL

ERATES COMBUSTION OF FLAMMABLES. TO FIGHT FIRES, SHUT OFF SOURCES OF OXYGEN AND FIGHT FIRE.

Unusual Fire/Explosion Hazard:OXYGEN SUPPORTS AND VIGOROUSLY ACCELERATES COMBUSTION OF FLAMMABLES. SOME MATERIALS WHICH ARE NONCOMBUSTIBLE IN AIR WILL BURN IN THE PRESENCE OF OXYGEN.

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

Spill Release Procedures:PREVENT LIQUID OXYGEN FROM CONTACTING GREASE, OIL AND OTHER COMBUSTIBLES. VENTILATE AREA TO DISPERSE OXYGEN, A



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Stability Indicator/Materials to Avoid:YES

ALL FLAMMABLES, ESPICALLY PETROLEUM PRODUCTS, ASPHALT, OTHER VOLATILE FLAMMABLES.

Stability Condition to Avoid:MATERIALS WHICH BURN IN AIR WILL BURN VIOLENTLY IN ATMOSPHERE RICHER THAN APPROX. 25% OXYGEN. Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

======== Disposal Considerations =============

Waste Disposal Methods:ALLOW LIQUID OXYGEN TO EVAPORATE IN A WELL VENTILATED OUTDO

OR AREA. VENT OXYGEN GAS TO OUTSIDE LOCATION.
DISPOSAL SITE SHOULD BE REMOTE FROM WORK AREAS, OPEN FLAMES OR SOURCES OF IGNITION AND COMBUSTI BLES. RETURN CYLINDERS TO AIR PRODUCTS.

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