

UNION CARBIDE CORP., LINDE DIV. -- AIR -- 6830-00-406-4766

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

Product ID: AIR
MSDS Date: 08/01/1985
FSC: 6830
NIIN: 00-406-4766
MSDS Number: BJQRN
=== Responsible Party ===
Company Name: UNION CARBIDE CORP., LINDE DIV.
Address: 39 OLD RIDGEBURY RD
City: DANBURY
State: CT
ZIP: 06817-0001
Country: US
Emergency Phone Num: 304-744-3487
CAGE: 36346
=== Contractor Identification ===

Company Name: LINDE GASES OF THE MID ATLANTIC
CAGE: 0J4E3
Company Name: UNION CARBIDE CORP LINDE DIV
Address: 39 OLD RIDGEBURY RD
Box: City: DANBURY
State: CT
ZIP: 06817-0001
Country: US
Phone: 800-822-4357; 304-744-3487
CAGE: 36346

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

Ingred Name: OXYGEN
CAS: 7782-44-7
RTECS #: RS2060000
Fraction by Wt: 21%
Other REC Limits: NONE SPECIFIED

Ingred Name: NITROGEN
CAS: 7727-37-9
RTECS #: QW9700000
Fraction by Wt: 79%
Other REC Limits: NONE SPECI

FIED
ACGIH TLV:ASPHYXIAN; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NONE EXPECTED.
Effects of Overexposure:NONE EXPECTED.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:NO EMERGENCY CARE ANTICIPATED.

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

Extinguishing Media:OXIDIZING AGENT. MAY ACCELERATE COMBUSTION. USE
MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:EVACUATE ALL PERSONNEL FROM DANGER AREA.
IMMEDIATELY COOL CONTAINERS WITH SPRAY WATER FROM MAXIMUM DISTANCE
UNTIL COOL, THEN MOVE CONTAINERS. SHUT OFF LEAKS.
Unusual Fire/Explosion Hazard:OXIDIZING AGENT, MAY ACCELERATE
COMBUSTION. CONTACT WITH FLAMMABLE MATERIAL MAY CAUSE FIRE OR
EXPLOSION. CON
TAINER MAY RUPTURE DUE TO HEAT OF FIRE.

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

Spill Release Procedures:SHUT OFF CYLINDER, IF WITHOUT RISK.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:NEVER WORK ON A PRESSURIZED SYSTEM. IF
THERE IS A LEAK, CLOSE THE CYLINDER VALVE, BLOW DOWN THE SYSTEM BY
VENTING TO A SAFE PLACE, THEN REPAIR.
Other Precautions:NEVER LUBRICATE AIR VALVES, REGU
LATORS, ETC. WITH ANY
COMBUSTIBLE MATERIAL.

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

Respiratory Protection:NONE REQUIRED.
Ventilation:MECHANICAL VENTILATION.
Protective Gloves:PREFERRED FOR CYLINDER HANDLING.
Eye Protection:SELECT IN ACCORDANCE WITH OSHA 29CFR1910
Other Protective Equipment:METATARSAL SHOES FOR CYLINDER HANDLING.
SELECT IN ACCORDANCE WITH OSHA 29 CFR 1910.132 AND 1910.133.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental

Safety and Health
NONE

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

HCC:G3
Boiling Pt:B.P. Text:-318F,-194C
Vapor Pres:GAS
Vapor Density:1.00
Spec Gravity:GAS
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS GAS AT NORMAL TEMPERATURE AND PRESSURE,
ODORLESS.
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
FLAMMABLE AND COMBUSTIBLE MATERIALS.
Stability Condition to Avoid:EXCESSIVE HEAT.
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:SLOWLY RELEASE INTO ATMOSPHERE. DISCARD ANY
PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN AN ENVIRONMENTALLY
ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.