*** SECTION 1 - IDENTIFICATION ***

MANUFACTURER: AIRCO INDUSTRIAL GASES

575 MOUNTAIN AVENUE
MURRAY HILL NJ 07974

SYNONYMS.......: ARGON-OXYGEN MIXES
CAS REGISTRY NO: SEE SEC. 2
CAS NAME.......: BLEND
CHEMICAL-FAMILY: GAS MIXTURE
INFORMATION:
SUPPLIER...: AIRCO WELDING PRODUCTS JH
PHONE......: 201-464-8100
AFTER HOURS: 215-293-9270

*** SECTION 2 - INGREDIENTS ***

ARGON, CAS #7440-37-1, 70 TO 99%; OXYGEN, CAS #7782-44-7, 1 TO 30%.

'INGREDIENTS WITH * IN CAS NUMBER ARE SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW AND 40CFR372'

*** SECTION 3 - PHYSICAL DATA ***

BOILING POINT.......: -297 (DEG. F) -182 (DEG. C)
MELTING POINT.......: N.D. (DEG. F) N.D. (DEG. C)
SPECIFIC GRAVITY....: 1.24 (H2O=1)
PACKING DENSITY.....: N/A (KG/M3)
VAPOR PRESSURE.......: N/A (MM HG AT 20C)
VAPOR DENSITY.......: 0.32 (AIR=1)
SOLUBILITY IN WATER.: SLIGHT (% BY VOL)
PH INFORMATION......: N.D. AT CONC. N.D G/L H2O
% VOLATILES BY VOL..: 100
EVAPORATION RATE....: GAS (ETHYL ETHER=1)
OCTANOL/WATER COEFF.: N.D.
APPEARANCE.........: COLORLESS GAS
ODOR................: ODORLESS
ODOR THRESHOLD......: N/A (PPM)

*** SECTION 4 - FIRE AND EXPLOSION DATA ***

FLASH POINT NOT APPLICABLE (DEG. F) NOT APPLICABLE (DEG. C)
AUTOIGNITION TEMP. NOT APPLICABLE (DEG. F) NOT APPLICABLE (DEG. C)

---NFPA CLASSIFICATION--- -----HAZARD RATING------
HEALTH - 0 - 0 - LEAST 3 - HIGH
FIRE - 0 - 1 - SLIGHT 4 - EXTREME
REACTIVITY 0 2 - MODERATE

SPECIFIC HAZARD
---FLAMMABLE LIMITS IN AIR---
LOWER EXPLOSIVE LIMIT (LEL) NOT APPLICABLE % VOL.
UPPER EXPLOSIVE LIMIT (UEL) NOT APPLICABLE % VOL.

FIRE AND EXPLOSION HAZARDS ---------------
NON-FLAMMABLE GAS
EXTINGUISHING MEDIA ---------------------
NOT DETERMINED/ NO DATA.
SPECIAL FIRE FIGHTING INSTRUCTIONS----
USE WATER SPRAY. COOL TANK/ CONTAINER.

*** SECTION 5 - HEALTH HAZARD INFORMATION ***

EXPOSURE LIMITS---------------------- NOT DETERMINED
*** ROUTES OF EXPOSURE AND EFFECTS ***
INHALATION -------------------------
SIMPLE ASphyختIAN (EXCLUDES OXYGEN).

N.D. - Not Determined
N/A - No Data Available
SKIN -----------------------------
NOT APPLICABLE
EYE -----------------------------
NO EYE EFFECT EXPECTED.
INGESTION -----------------------
NOT APPLICABLE.

*** FIRST AID ***

INHALATION -----------------------
MOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL
RESPIRATION, OBTAIN MEDICAL ASSISTANCE.
SKIN -----------------------------
NONE NORMALLY REQUIRED.
EYE -----------------------------
NONE REQUIRED.
INGESTION -----------------------
NONE REQUIRED.

*** SECTION 6 - REACTIVITY DATA ***

STABILITY-------------------------
STABLE.
INCOMPATIBLE MATERIALS---------
NONE
HAZARDOUS DECOMPOSITION-------
PRODUCTS:    NONE
POLYMERIZATION-----------------
WILL NOT OCCUR.

*** SECTION 7 - SPECIAL PROTECTION INFORMATION ***

VENTILATION ------------------
NONE NORMALLY NEEDED.

*** PERSONAL PROTECTIVE EQUIPMENT ***

EYE ---------------------------
PRODUCT MINIMALLY IRRITATING TO EYES. LOCAL SAFETY POLICY DECISION.
GLOVES -------------------------
PRODUCT MINIMALLY IRRITATING TO SKIN. LOCAL SAFETY POLICY DECISION.
RESPIRATOR ---------------------
NONE NORMALLY NEEDED.
OTHER -------------------------
NONE NORMALLY NEEDED.

*** SECTION 8 - DISPOSAL PROCEDURES ***

AQUATIC TOXICITY -----------------
NOT DETERMINED
SPILL, LEAK OR RELEASE--------
EVACUATE UNTIL GAS HAS DISPERSED.
WASTE DISPOSAL METHOD--------
VENT TO OPEN AIR IN SAFE AREA.

*** SECTION 9 - SPECIAL PRECAUTIONS ***

STORAGE AND HANDLING CONDITIONS---
DO NOT HEAT. CONSULT NFPA AND OSHA CODES. PROTECT CYLINDERS FROM
DAMAGE.

*** SECTION 10 - ADDITIONAL PRECAUTIONS AND LABELS ***

REFER TO COMPRESSED GAS ASSOCIATION PUBLICATION P1 "SAFE HANDLING OF
COMPRESSED GASES" AND OSHA 29 CFR1910-SUBPART H AND Q.