

MATERIAL SAFETY DATA SHEET

MGI004

0000000397

MG INDUSTRIES
3 GREAT VALLEY PARKWAY
MALVERN, PENNSYLVANIA 19355

EMERGENCY
CHEMTRIC
1-800-424-9300

SUBSTANCE IDENTIFICATION

SUBSTANCE: AIR, COMPRESSED

TRADE NAMES/SYNONYMS:
AIR, UN 1002; MGI00480

CHEMICAL FAMILY:
MIXTURE, GASEOUS

CERCLA RATINGS (SCALE 0-3): HEALTH=U FIRE=O REACTIVITY=O PERSISTENCE=O

NFPA RATINGS (SCALE 0-4): HEALTH=U FIRE=O REACTIVITY=O

COMPONENTS AND CONTAMINANTS

COMPONENT: AIR, COMPRESSED PERCENT: 100.0

OTHER CONTAMINANTS: NONE

EXPOSURE LIMITS:
NO OCCUPATIONAL EXPOSURE LIMITS ESTABLISHED BY OSHA, ACGIH, OR NIOSH.

PHYSICAL DATA

DESCRIPTION: BLUISH, MOBILE LIQUID OR COLORLESS GAS.

BOILING POINT: -318 F (-194 C) SPECIFIC GRAVITY: 1.29 G/L @ 0 C

VAPOR PRESSURE: 760 MMHG @ -194 C SOLUBILITY IN WATER: SLIGHTLY SOLUBLE

VAPOR DENSITY: 1.0

VISCOSITY: 0.01853 CPS @ 26.85 C

FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARD:
NEGIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

FIREFIGHTING MEDIA:
DRY CHEMICAL OR CARBON DIOXIDE
(1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5).

FOR LARGER FIRES, USE WATER SPRAY, FOG OR REGULAR FOAM
(1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5).

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PAGE 02 OF 05

FIREFIGHTING:
MOVE CONTAINERS FROM FIRE IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT. STAY AWAY FROM ENDS THAT ARE EXPOSED TO FLAMES UNTIL IMMEDIATELY IN CASE OF FIRE. TURN AROUND FROM FIRE. PREVENT SPILLS OR ANY DISCOLORATION OF TANK DUE TO FIRE. TURN OFF FIRE ALARMS. IF DEVICE OR ANY DIRECTIONS IF TANK RAIL CAR OR TANK GUIDE PAGE 12).

USE AGENT SUITABLE FOR TYPE OF FIRE. COOL CONTAINERS WITH FLOODING AMOUNTS OF WATER. APPLY FROM AS FAR A DISTANCE AS POSSIBLE.

TRANSPORTATION DATA

DEPARTMENT OF TRANSPORTATION HAZARD CLASSIFICATION 49-CFR 172.101:
NONFLAMMABLE GAS

DEPARTMENT OF TRANSPORTATION LABELING REQUIREMENTS 49-CFR 172.101 AND
SUBPART E:
NONFLAMMABLE GAS

DEPARTMENT OF TRANSPORTATION PACKAGING REQUIREMENTS: 49-CFR 173.302
EXCEPTIONS: 49-CFR 173.306

FINAL RULE ON HAZARDOUS MATERIALS REGULATIONS (HMR) 49 CFR PARTS 171-180),
DOCKET NUMBERS HM-181A, HM-181A, HM-181B, HM-181C, HM-181D AND HM-204,
EFFECTIVE DATE OCTOBER 1, 1991. HOWEVER, COMPLIANCE WITH THE REGULATIONS IS
AUTHORIZED ON AND AFTER JANUARY 1, 1991. (55 FR 52402, 12/21/90)

EXCEPT FOR EXPLOSIVES, INHALATION HAZARDS AND INFECTIOUS SUBSTANCES, THE
EFFECTIVE DATE FOR HAZARD COMMUNICATION REQUIREMENTS IS EXTENDED TO
OCTOBER 1, 1993. (56 FR 47158, 09/18/91)

U.S. DEPARTMENT OF TRANSPORTATION SHIPPING NAME-ID NUMBER, 49 CFR 172.101:
AIR: COMPRESSED-UN 1002

U.S. DEPARTMENT OF TRANSPORTATION HAZARD CLASS OR DIVISION, 49 CFR 172.101:
2.2 - NON-FLAMMABLE COMPRESSED GAS

U.S. DEPARTMENT OF TRANSPORTATION LABELING REQUIREMENTS, 49 CFR 172.101
AND SUBPART E:
NONFLAMMABLE GAS

U.S. DEPARTMENT OF TRANSPORTATION PACKAGING AUTHORIZATIONS:
EXCEPTIONS: 49 CFR 173.306

NON-BULK PACKAGING: 49 CFR 173.302

BULK PACKAGING: 49 CFR 173.302

U.S. DEPARTMENT OF TRANSPORTATION QUANTITY LIMITATIONS 49 CFR 172.101:
PASSENGER AIRCRAFT OR RAILCAR: 75 KG
CARGO AIRCRAFT ONLY: 150 KG