

SCOTT SPECIALTY GASES -- METHANE IN AIR -- 6830-00N091686

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

Product ID:METHANE IN AIR
MSDS Date:07/20/1998
FSC:6830
NIIN:00N091686
Status Code:A
MSDS Number: CJNDL
=== Responsible Party ===
Company Name:SCOTT SPECIALTY GASES
Address:500 WEAVER PARK RD
City:LONGMONT
State:CO
ZIP:80501
Country:US
Info Phone Num:888-253-1635
Emergency Phone Num:888-253-1635
Resp. Party Other MSDS Num.:M-22711/E-2
CAGE:0SHS3
=== Contractor Identification ===
Company Name:SCOTT SPECIALTY GASES
Address:500 WEAVER PARK RD
Box:City:LONGMONT
State:CO
ZIP:80501
Country:US
Phone:888-253-1635
Contract Num:N00406-99-M-9754
CAGE:0SHS3

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

Ingred Name:METHANE. % WT: 0.0001-4 PCT
CAS:74-82-8
RTECS #:PA1490000

Ingred Name:AIR.
CAS:132259-10-0
Fraction by Wt: BALANCE

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE EFFECTS:NONE. OTHER EFFECTS OF
OVEREXPOSURE: NONE. CHRONIC EFFECTS: NONE KNOWN.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:INGEST: CALL MD IMMEDIATELY . INHAL: REMOVE TO FRESH AIR.
SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIAL RESPIRATION . EYES:
IMMEDIATELY FLUSH W/POTABLE WATER FOR AT LEAST 15 MINUTES, SEEK
ASS ISTANCE FROM MD . SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER. CALL
MD . IN EVENT OF EXPOSURE, CONSULT A PHYSICIAN. NOTE TO PHYSICIAN:
NONE.

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

Flash Point:NONFLAMMABLE
Lower Limits:NONFLAMM
Upper Limits:NONFLAMM
Extinguishing Media:USE WHAT IS APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . KEEP FIRE EXPOSED CYLINDERS COOL WITH WATER SPRAY. IF POSSIBLE, STOP THE PRODUCT FLOW.
Unusual Fire/Explosion Hazard:CYLINDER RUPTURE MAY OCCUR UNDER FIRE CONDITIONS, COMPRESSED AIR AT HIGH PRESSURE WILL ACCELERATE COMBUSTION OF FLAMMABLE MATERIALS. HAZARDOUS COMBUSTION PRODUCTS: TOXIC CARBON MONOXIDE MAY BE GIVEN OFF DURING COMBUSTION.

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

Spill Release Procedures:EVACUATE AND VENTILATE AREA. REMOVE LEAKING CYLINDER TO EXHAUST HOOD OR SAFE OUTDOOR AREA. SHUT OFF SOURCE IF POSSIBLE AND REMOVE SOURCE OF HEAT.

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

Handling and Storage Precautions:SECURE CYLINDER WHEN USING TO PROTECT FROM FALLING. USE SUITABLE HAND TRUCK TO MOVE CYLINDERS.
Other Precautions:STORE IN WELL VENTILATED AREAS. KEEP VALVE PROTECTION CAP ON CYLINDERS WHEN NOT IN USE.

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

Respiratory Protection:IN CASE OF LEAKAGE, USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.
Ventilation:NONE.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:SAFETY SHOES WHEN HANDLING CYLINDERS.
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:GAS (C)
Vapor Density:0.982-1.0
Spec Gravity:GAS (H*20 =1)
Evaporation Rate & Reference:GAS
Solubility in Water:@20C: 18.68 CM3/1
Appearance and Odor:COLORLESS GAS, ODORLESS.

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, OXIDIZERS, AND ACTIVE METALS. BRF*5, CL*2, CLO*2, NF*3, LIUQID 02, AND OF*2.
Stability Condition to Avoid:STABLE UNDER NORMAL STORAGE CONDITIONS. STORAGE IN POORLY VENTILATED AREAS. STORAGE NEAR A HEAT SOURCE.
Hazardous Decomposition Products:NONE.

===== Toxicological Information =====

Toxicological Information:LETHAN CONCENTRATION (LC50): NONE ESTABLISHED. LETHAL DOSE 50 (LD50): N/AP. TERATOGENICITY: N/AP. REPRODUCTIVE EFFECTS: N/AP. MUTAGENICITY: N/AP.

===== Ecological Information =====

Ecological:NO ADVERSE ECOLOGICAL EFFECTS ARE EXPECTED.

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

Waste Disposal Methods:DISPOSE OF NON-REFILLABLE CYLINDERS I/A/W
FEDERAL, STATE & LOCAL REGS. ALLOW GAS TO VENT SLOWLY TO ATMOSPHERE
IN UNCONFINED AREA OR EXHAUST HOOD. IF CYLINDERS ARE REFILLABLE
TYPE, RETURN CYLINDERS TO SUPPLIER W/ANY VALVE OUTLET PLUGS OR
CAPS SECURED & VALVE PROT CAPS IN PLACE.

===== MSDS Transport Information =====

Transport Information:CENCENTRATION: 0.001-4%. DOT DESCRIPTION (US
ONLY): PROPER SHIPPING NAME: COMPRESSED GASES, N.O.S. HAZARD CLASS:
2.2 (NONFLAMMABLE). IDENTIFICATION NUMBER: UN1956. REPORTABLE
QUANTITIES: NONE. LABELIN G: NONFLAMMABLE GAS. ADR/RID (EU ONLY):
CLASS 2, 1A. SPECIAL PRECAUTIONS: CYLINDERS SHOULD BE TRANSPORTED
IN A SECURE UPRIGHT POSITION IN A WELL VENTILATED TRUCK.

===== Regulatory Information =====

SARA Title III Information:THE THRESHOLD PLANNING QUANTITY FOR THIS
MIXTURE IS 10,000 LBS. EU NUMBER: N/AV. NUMBER IN ANNEX 1 OF DIR
67/548: MIXTURE IS NOT LISTED IN ANNEX 1. EU CLASSIFICATION: N/AV.
R: 20. S: 9.

Federal Regulatory Information:OSHA: PROCESS SAFETY MANAGEMENT:
MATERIALS ARE NOT LISTED IN APPENDIX A OF 29 CFR 1910.119 AS HIGHLY
HAZARDUS CHEMICALS. TSCA: MIXTURE IS NOT LISTED IN TSCA INVENTORY.

===== Other Information =====

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