

SCOTT SPECIALTY GASES -- METHANE IN AIR -- 6830-01-360-1866

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

Product ID:METHANE IN AIR

MSDS Date:10/13/2000

FSC:6830

NIIN:01-360-1866

Status Code:A

MSDS Number: CLBFD

=== Responsible Party ===

Company Name:SCOTT SPECIALTY GASES

Address:6141 EASTON RD

Box:310

City:PLUMSTEADVILLE

State:PA

ZIP:18949-0310

Country:US

Info Phone Num:215-766-8861

Emergency Phone Num:215

-766-8861

Resp. Party Other MSDS Num.:M-22711/E-2

CAGE:51847

=== Contractor Identification ===

Company Name:GASQUIP INC

Address:9399 HAMILTON DR

Box:City:MENTOR

State:OH

ZIP:44060

Country:US

Phone:440-357-6465

Contract Num:SP0450-01-M-D843

CAGE:1SAT6

Company Name:SCOTT SPECIALTY GASES

Address:6141 EASTON RD (6141 ROUTE 611)

Box:310

City:PLUMSTEADVILLE

State:PA

ZIP:18934

Country:US

Phone:215-766-8861/ FAX: 215-766-0416

CAGE:51847

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

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Ingred Name:METHANE
CAS:74-82-8
RTECS #:PA1490000
Fraction by Wt: 0.0001-4% %

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

==== Hazards Identification =====

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE EFFECTS: NONE. CHRONIC EFFECTS:
NONE KNOWN.
Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER
Effects of Overexposure:NONE
Medica
I Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHALATION: NONE. INGESTION: NONE. EYE CONTACT: NONE. SKIN
CONTACT: NONE. IN THE EVENT OF EXPOSURE, CONSULT A PHYSICIAN. NOTE
TO PHYSICIAN: NONE.

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

Flash Point:NON-FLAMMABLE
Autoignition Temp:Autoignition Temp Text:N/AP
Extinguishing Media:USE WHAT IS APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting P
rocedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING. 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 THE
COMBUSTION OF FLAMMABLE MATERIALS.

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

Spill Release Procedures:EVACUATE AND VENTILATE AREA. REMOVE LEAKING
CYLINDE

R TO EXHAUST HOOD OR SAFE OUTDOOR AREA. SHUT OFF SOURCE IF POSSIBLE AND REMOVE SOURCE OF HEAT.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER.

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

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

Other Precautions:PROTECT CONTAINERS FROM PHYSICAL DAMAGE. DO NOT DEFACE CYLINDERS OR LABELS. CYLINDERS SHOULD BE REFILLED BY QUALIFIED PRODUCERS OF COMPRESSED GAS. SHIPMENT OF A COMPRESSED GAS CYLINDER WHICH HAS NOT BEEN FILLED BY THE OWNER OR WITH HIS WRITTEN CONSENT IS A VIOLATION OF FEDERAL LAW (49 CFR)

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

Respiratory Protection:IN CASE OF LEAKAGE, USE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:NONE

Protective Gloves:NONE

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:SAFETY SHOES WHEN HANDLING CYLINDERS.

Work Hygienic Practices:NO DATA PROVIDED BY MANUFACTURER.

Supplemental Safety and Health
NO DATA PROVIDED BY MANUFACTURER.

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

HCC:G3

Boiling Pt:B.P. Text:GAS

Vapor Pres:N/AP

Vapor Density:0.982-1.0

Spec Gravity:GAS

Evaporation Rate & Reference:GAS

Solubility in Water:18.68 @ 20 C

Appearance and Odor:COLORLESS, ODORLESS GAS

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===== Stability and

Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, OXIDIZERS, AND ACTIVE METALS. VRF5, C12, CL02, NF3,
LIQUID O2, AND OF2.

Stability Condition to Avoid: STORAGE IN POORLY VENTILATED AREAS.
STORAGE NEAR A HEAT SOURCE.

Hazardous Decomposition Products: TOXIC CARBON MONOXIDE MAY BE GIVEN OFF
DURING COMBUSTION.

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

Toxicological Information: LETHAL CONCENTRATION (LC50): NOT ESTABLISHED.

LETHAL DOSE (LD50): NOT APPLICABLE. TERATOGENICITY: NOT APPLICABLE.
MUTAGENICITY: NOT APPLICABLE. REPRODUCTIVE EFFECTS: NOT APPLICABLE.

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

Ecological: NO ADVERSE ECOLOGICAL EFFECTS ARE EXPECTED.

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

Waste Disposal Methods: DISPOSE OF NON-REFILLABLE CYLINDERS IN
ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. ALLOW GAS TO
VENT SLOWLY TO ATMOSPHERE

IN AN UNCONFINED AREA OR EXHAUST HOOD. IF
THE CYLINDERS ARE THE REFILLABLE TYPE, RETURN CYLINDERS TO
SUPPLIER WITH ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PRO
TECTION CAPS IN PLACE.

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

Transport Information: CONCENTRATION: 0.0005-3%. DOT DESCRIPTION (US
ONLY): COMPRESSED GASES, N.O.S. HAZARD CLASS:
2.2 (NON-FLAMMABLE). IDENTIFICATION NUMBER: UN1956. REPORTABLE
QUANTITIES:

NONE. LABELING: 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: SARA: THE THRESHOLD PLANNING QUANTITY FOR
THIS MIXTURE IS 10,000 LBS.

Federal Regulatory Information: OSHA PROCESS SAFETY MANAGEMENT: MATERIALS
ARE NOT LISTED IN APPENDIX A OF 29 CFR 1910.119 AS HIGHLY HAZARDOUS

RDOUS

CHEMICALS. TSCA: MATERIALS ARE LISTED IN TSCA INVENTORY.
State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

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

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