

AIR PRODUCTS & CHEMICALS INC -- METHANE, METHYL HYDRIDE, MARSH GAS --  
6665-00-542-1442

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

Product ID:METHANE, METHYL HYDRIDE, MARSH GAS

MSDS Date:05/01/1993

FSC:6665

NIIN:00-542-1442

MSDS Number: BPFCN

=== Responsible Party ===

Company Name:AIR PRODUCTS & CHEMICALS INC

Address:7201 HAMILTON BLVD

City:ALLENTOWN

State:PA

ZIP:18195-1501

Country:US

Info Phone Num:800-75

2-1597

Emergency Phone Num:800-523-9374 OR 215-481-7711

CAGE:00742

=== Contractor Identification ===

Company Name:AIR PRODUCTS AND CHEMICAL INC

Address:1415 GRAND AVE

Box:City:SAN MARCOS

State:CA

ZIP:92069

Country:US

Phone:619-744-1460

CAGE:7D974

Company Name:AIR PRODUCTS AND CHEMICALS INC

Address:7201 HAMILTON BLVD

Box:City:ALLENTOWN

State:PA

ZIP:18195-1501

Country:US

Phone:800-345-3148/ 800-752-1597

CAGE:00742

Company Name:SCOTT AVIATION, A FIGG INTERNATIONAL CO, MONROE PL

Address:309 W CROWEL

L ST  
Box:City:MONROE  
State:NC  
ZIP:28110-4668  
Country:US  
CAGE:15927

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

Ingred Name:METHANE  
CAS:74-82-8  
RTECS #:PA1490000  
Fraction by Wt: 2.5%  
Other REC Limits:NONE DETERMINED  
ACGIH TLV:ASPHYXIAN; 9495

=====  
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:METHANE IS NONTOXIC  
. IT CAN, HOWEVER,  
REDUCE THE AMOUNT OF OXYGEN AVAILABLE TO SUPPORT LIFE. EXPOSURE TO  
OXYGEN-DEFICIENT ATMOSPHERES (125F.  
Other Precautions:STORE CYLINDERS UPRIGHT/FIRMLY SECURED TO PREVENT  
FALLING. FULL & EMPTY CYLINDERS SHOULD BE SEGREGATED. DON'T SMOKE.  
USE ONLY IN WELL VENTILATED AREAS. DON'T DRAG/SLIDE/ROLL CYLINDERS.  
USE SUITABLE HAND TRUCK TO MOVE CYLINDERS.

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

Respiratory Protection:POSITIVE PRESSURE  
AIR LINE WITH MASK OR SELF-  
CONTAINED BREATHING APPARATUS SHOULD BE USED FOR EMERGENCY USE.  
Ventilation:USE HOOD WITH FORCED VENTILATION &/OR LOCAL EXHAUST TO  
PREVENT ACCUMULATION ABOVE THE TLV.  
Protective Gloves:PLASTIC OR RUBBER  
Eye Protection:SAFETY GOGGLES OR GLASSES  
Other Protective Equipment:SAFETY SHOES, SAFETY SHOWER & EYEWASH  
FOUNTAIN  
Work Hygienic Practices:NO SMOKING  
Supplemental Safety and Health  
HCC IS BASED ON THE FACT THAT THIS CONTAINS 2.5% METHANE AND IS NOT  
PURE

METHANE-PROBABLY IS NOT FLAMMABLE AT THIS CONCENTRATION (LEL IS 5%). MSDS IS FOR ONE INGREDIENT FOUND IN THIS NSN.

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

HCC:G3

Boiling Pt:B.P. Text:-259F,-161C

Melt/Freeze Pt:M.P/F.P Text:-296F,-182C

Vapor Density:.042LB/FT3

Spec Gravity:0.555

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, ODORLESS GAS (CONTAINED IN A MIXTURE W/AIR IN A CYLINDER).

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

=====

Stability Indicator/Materials to Avoid:YES

OXIDIZERS.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:NONE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:ALL FEDERAL, STATE, & LOCAL REGULATIONS.

REGARDING HEALTH AND POLLUTION SHOULD BE FOLLOWED IN WASTE DISPOSAL. CONTACT AIR PRODUCTS FOR SPECIFIC RECOMMENDATIONS. DO NOT DISPOSED OF UNUSED QUANTITIES.

Discl

claimer (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.