

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

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===== 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

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

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Hazards Identification  
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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.

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Exposure Controls/Personal Protection  
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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 =====

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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

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