

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:800-752-1597

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

CAGE:007

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=== 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 CROWELL ST

Box:City:MONROE

State:NC

ZIP:28110-4668

Country:US

CAGE:159

===== 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.

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