

MET-L-CHEK COMPANY -- D-703 DEVELOPER (SEE SUPPL DATA) -- 6850-00-826-0981

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

Product ID:D-703 DEVELOPER (SEE SUPPL DATA)

MSDS Date:10/21/1986

FSC:6850

NIIN:00-826-0981

Kit Part:Y

MSDS Number: BGSQQ

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:213-450-1111

Em

ergency Phone Num:213-450-1111

CAGE:98733

=== Contractor Identification ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID ST

Box:00000

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Phone:310-450-1111/FAX 310452-4046

CAGE:98733

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

Ingred Name:ISOBUTANE/PROPANE MIXTURE(AS PROPELLANT)

OSHA PEL:1000PPM (PROPANE)

ACGIH TLV:ASPHYXIANTS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE MILD IRRITATION TO SKIN &
RESP TRACT SYSTEM.

Effects of Overexposure:INHALATION:MAY CAUSE IRRITATION TO NOSE AND
RESPIRATORY SYSTEM.EARLY

TO MODERATE CNS DEPRESSION MAY BE

EVIDENCED BY DIZZ,GIDDINESS,HEADACHE,NAUSEA;EYES:VAPOR MAY CAUSE
IRRITATION;SKIN:LIQUID CONTACT M AY IRRITATE MILDLY;INGESTION:MAY
CAUSE GI & MOUTH IRRITATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN,EYE,AND
RESPIRATORY DISORDERS MAY BE AGGRAVATED.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF
NEEDED;EYES/SKIN:FLUSH WITH RUNNING WATER FOR AT LEAST 15

MINUTES.GET MEDICAL HELP IF IRRITATION OCCURS OR
PERSISTS;INGESTION:DO NOT INDUCE VOMITING.GET MEDI CAL ATTN.

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

Flash Point:N/R (AEROSOLS)

Lower Limits:7.0 (LIQ)

Upper Limits:15.0 (LIQ)

Extinguishing Media:WATER FOG,"ALCOHOL" FOAM,DRY CHEMICAL OR CO*2

Fire Fighting Procedures:CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES
SHOULD BE COOLED WITH WATER SPRAY TO PREVENT VAPOR PRESSURE
BUILD-UP.DON'T STORE ABOVE 120F.

Unusual Fire/Explosion Hazard:AEROSOL CANS MAY RUPTURE/EXPLODE DUE TO
VAPOR PRESSURE BUILDUP IF EXPOSED TO INTENSE HEAT.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES.WEAR PROTECTIVE
CLOTHING & APPROPRIATE RESPIRATOR.SOAK UP RESIDUE WITH ABSORBENT
CLAY,SAND,EARTH,OR OTHER MATERIAL.PLACE RAGS & ABSORBED WASTE AND
DAMAGED BUT EMPTY CANS IN DOT COVERED NON-LEAKING CONTAINERS.

=====
===== Handlin

g and Storage =====

Handling and Storage Precautions:STORE AWAY FROM HOT PLACES & IGNITION SOURCES.DO NOT STORE OR HANDLE IN ALUMINUM EQUIPMENT AT TEMP ABOVE 120F.

Other Precautions:DURING TRANSFER OF LIQUID IN BULK,GROUND THE HANDLING EQUIPMENT.

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

Respiratory Protection:NOT NEEDED IN NORMAL CONDITION USE.WHEN NEEDED,USE AN ORGANIC VAPOR CHEMICAL CARTRIDGE OR CANNISTER.

Ventilation:GENERAL(MECHANICAL) OR LOCAL EXHAUST RECOMMENDED BY MFR TO MAINTAIN OR TO KEEP BELOW TLV LIMITS.

Protective Gloves:VITON

Eye Protection:GOGGLES SPLASHPROOF

Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS. APRONS TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH HANDS WITH SOAP AND WATER BEFORE EATING,DRINKING,SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NSN IS FOR A KIT OF 3 PARTS,UNDER TYPE II,METHOD C OF MIL-I-25135,REV D;I/AW QPL-25135-15,THE ME

T-L-CHEK KIT CONTAINS PENETRANT(VP-30 OR

VP-31A),REMOVER R-501 AND DEVELOPER(D-701 OR D-703);KEY1:V2;TH IS ENTRY IS OF D-703 DEVELOPER.

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

HCC:V2

Spec Gravity:1.3-1.32 (BULK)

Evaporation Rate & Reference:0.35 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID BEFORE FILLING IN AEROSOL CANS IS MILKY WHITE LIQUID WITH ETHER-LIKE ODO

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

==

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING MATERIALS,CAUSTIC SODA,CAUSTIC POTASH

Stability Condition to Avoid:HEAT,SPARKS,IGNITION SOURCES

Hazardous Decomposition Products:CARBON MONOXIDE & UNIDENTIFIED ORGANIC COMPOUNDS,HYDROGEN CHLORIDE AND TRACES OF PHOSGENS.

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

Waste Disposal Methods:DISPOSE OF IN EPA HAZARDOUS WASTE PERMITTED FACILITIES.EMPTY AEROSOL CAN BEFORE DISPOSING OF THEM.PRESSURIZED
A

EROSOL CANS ARE NOT ACCEPTABLE WASTE.COMPLY WITH ALL FEDERAL,STATE
& LOCAL REGULATIONS.

Disclaimer (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 an
d
assume responsibility for the suitability of this information to their
particular situation.