

MET-L-CHEK COMPANY -- D-70 DEVELOPER -- 6850-01-316-9383

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

Product ID:D-70 DEVELOPER

MSDS Date:03/15/1989

FSC:6850

NIIN:01-316-9383

Kit Part:Y

MSDS Number: BWCJH

=== Responsible Party ===

Company Name:MET-L-CHEK COMPANY

Address:1639 EUCLID STREET

City:SANTA MONICA

State:CA

ZIP:90404

Country:US

Info Phone Num:310-450-1111

Emergency Phone Num:310-450-1111/800-424-930

0(CHEMTREC)

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:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9394

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

=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:MAY CAUSE MILD IRRITATION.
SKIN:MILDY IRRITATING. INGEST:LOW ORDER OF TOXICITY. IRRITATION OF
EYES, SKIN, OR NOSE & RESP TRACT. EARLY TO MODERATE CNS DEPRESSION
MAY BE EVIDENCED BY GIDDINESS, HE ADACHE, DIZZINESS, NAUSEA.
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NTP/IARC:NOT
AVAILABLE. OSHA:NO.

Effects of Ov

ereposure:IRRITATION OF EYES, SKIN OR NOSE & RESP TRACT.
EARLY TO MODERATE CNS DEPRESSION MAY BE EVIDENCED BY GIDDINESS,
HEADACHE, DIZZINESS, NAUSEA.

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

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

First Aid:FLUSH EYES OR SKIN WITH WATER. REMOVE VICTIM TO FRESH AIR.
GET MED ATTN.

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

Fla

sh Point Method:TCC

Flash Point:53.0F,11.7C

Lower Limits:2

Upper Limits:2

Extinguishing Media:USE WATER FOG, "ALCOHOL" FOAM, DRY CHEMICAL OR CO2.
WARNING:FLAMMABLE.

Fire Fighting Procedures:CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO
NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR.

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT FROM
FIRES SHOULD BE COOLED WITH WATER TO PREVETN VAPOR PRESSURE BUILDUP
WHICH COULD RESULT IN CONTAINER RUPTURE.

=====

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

Spill Release Procedures:WARNING.FLAMMABLE.ELIMINATE ALL IGNITION
SOURCES.HANDLING EQPMT MUST BNE GROUNDED TO PREVETN SPARKING.WEAR
APPROPRIATE RESP & PROT CLOTHING.SOAK UP RESIDUE W/ABSORBENT
CLAY/SAND/OR OTHER MATERIAL.PLAC E IN NON-LEAKING CONTAINERS,SEAL.

Neutralizing Agent:NONE SPECIFIED BY MFG.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/SPARKS/

FLAME. WASH

WITH SOAP & WATER BEFORE EATING/DRINKING/SMOKING/USING TOILET FACILITIES.

Other Precautions:DO NOT STORE OR HANDLE IN ALUMINUM EQPMT AT TEMPERATURE ABOVE 120F.

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

Respiratory Protection:IF EXPOSURE EXCEEDS LIMITS USE NIOSH-APPROVED RESPIRATOR.

Ventilation:LOCAL EXHAUST & MECHANICAL (GENERAL) EXPLOSION PROOF TO MAINTAIN TLV.

Protective Gloves:CHEMICAL RESISTANT.

Eye Protection:GOGGLES IF CONTACT IS LIKELIHOOD.

Other Protective Equipment:AS REQUIRED TO MINIMIZE CONTACT. EYE WASH FOUNTAINS & SAFETY SHOWERS SHOULD BE AVAILABLE.

Work Hygienic Practices:MINIMIZE CONTACT.

Supplemental Safety and Health

KIT CONSISTS OF 3 PARTS, PART A (E-59 REMOVER), PART B (D-70 DEVELOPER), PART C (VP-301 HF VISIBLE PENETRANT) SAME NSN. HCC FOR PART B:F3.

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

HCC:F2

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-127F,-88C

Vapor Pres:33 @68F

Vapor Density:2.1

Spec Gravity:0.8

Evaporation Rate & Reference:1.4, (N-BUTYL ACETATE=1)

Solubility in Water:LIQUID PART IS SOLUB

Appearance and Odor:WHITE, MILKYT SUSPENSION, MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

DO NOT STORE OR HANDLE IN ALUMINUM EQPMT AT TEMP >120F.

Stability Condition to Avoid:AVOID HEAT, SPARKS, FLAME & CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decompositio

n Products:CARBON MONOXIDE AND UNIDENTIFIED
ORGANIC COMPOUNDS MAY BE FORMED.

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

Waste Disposal Methods:PLACE IN NON-LEAKING CONTAINERS, SEAL AND DISPOSE
AS IGNITABLE HAZ WASTE ACCORDING TO LATEST EPA OR STATE
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 w
hatsoever,
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.