

MET-L-CHEK COMPANY -- D-70 DEVELOPER -- 6850-00-782-2740

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

Product ID:D-70 DEVELOPER

MSDS Date:01/01/1997

FSC:6850

NIIN:00-782-2740

Status Code:A

Kit Part:Y

MSDS Number: CHVVR

=== 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:310-450-1

111/800-424-9300(CHEMTREC)

Chemtrek Ind/Phone:(800)424-9300

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

Contract Num:SP0450-99-M-ND23

CAGE:98733

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

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: NP

Other REC Limits:NONE RECOMMENDED

OSHA PEL:40

0 PPM
ACGIH TLV:400 PPM/500STEL;9596

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:MAY CAUSE MILD IRRIT.SKIN:MILDLY
IRRIT.INGEST:LOW ORDER OF ACUTE TOXICITY.
Explanation of Carcinogenicity:PER
MSDS:CARCINOGENICITY/NTP/IARC:NA;OSHA:NO.
Effects of Overexposure:IRRITATIO
N OF EYES,SKIN OR NOSE AND RESPIRATORY
TRACT.EARLY TO MODERATE CNS DEPRESSION MAY BE EVIDENCED BY
GIDDINESS,HEADACHE,NAUSEA.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN,EYE,AND
RESPIRATORY DISORDERS MAY BE AGGRAVATED.

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First Aid Measures
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First Aid:FLUSH EYES OR SKIN W/WATER.REMOVE VICTIM TO FRESH AIR.GET MED
ATTN.INDUCE VOMITING IF VICTIM HAS INGESTED MATL AND IS CONSCIOUS.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:=-12.2C, 54.F
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:2
Upper Limits:12
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 SPAE W/OUT FULL BUNKER GEAR.
Unusual Fire/Explosion Hazard:CNTNR EXPO TO INTENSE HEAT FRM FIRES
SHOULD BE COOL W/H2O-PREVENT VAP PRESSURE BUILDUP WHICH COU
LD
RESULT IN CNTNR RUPTURE.NOTE:WHEN PKG IN AEROSOL CAN (SUPPLE)

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Accidental Release Measures
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Spill Release Procedures:WARNING-FLAMM.ELIMINATE ALL IGN SOURCES.HDNLG
EQPMT MUST BE GROUNDED-PREVENT SPARKING.WEAR APPROP RESP/PROT
CLOTH.SOAKUP RESIDUE W/ABSORBENT CLAY,SAND,OTHER MATL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY F

ROM HEAT/FLAME/SPARKS.

Other Precautions:DO NOT STORE OR HNDL IN ALUMINUM EQPMT @TEMPS ABOVE 120F.READ/FOLLOW LABEL DIRECTIONS/INFO GIVEN ON MSDS.USE CARE WHEN HNDLG/USING ALL NON-DESTRUCTIVE TEST CHEM PRODUCT.ADDN INFO CALL MET-L-CHEK CO.

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

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

Ventilation:LOC EXHAUST/MECHANICAL(GEN):EXPLOSION PROOF TO MAINTIAN TLV. SPECIAL/OTHER:NONE.

Protective Gloves:CHEM RESISTANT

Eye Protection:GOGGLES IF THERES LIKELIHOOD OF CONTACT

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

Work Hygienic Practices:MINIMIZE CONTACT.WASH W/SOAP/WATER BEFORE EATING/DRINKING/SMOKING/USING TOILET.

Supplemental Safety and Health

FIRE/EXPLO HAZ:PROPELLANT IS MIXTURE OF BUTANE,PROPANE,ISOBUTANE-FLASH PT APPROX -100F. 3-PART KIT SEE PNIND:A,C.KEY1=HCC=F2.

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

HCC:V3

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

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

Decomp Temp:Decomp Text:NP

Vapor Pres:33 @68F

Vapor Density:2.1

Spec Gravity:0.8

pH:NP

Viscosity:NP

Evaporation Rate & Reference:1.4, BUTYL ACETATE=1

Solubility in Water:LIQ PORTION SOLUBLE

Appearance and Odor:WHITE, MILKY SUSPENSION, MILD ODOR

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stabi

lity Indicator/Materials to Avoid:YES

DO NOT STORE OR HANDLE IN ALUMINUM EQPMT AT TEMPS ABOVE 120F.

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

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

Conditions to Avoid Polymerization:AVOID HEAT, SPARKS, FLAME AND
CONTACT W/STRONG OXIDIZING AGENTS.

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

Waste Disposal Methods:CONT

AINS NO TOXIC CHEMS SUBJ TO REPORT REQMTS OF

SEC 313 EMPCRA/40CFR372.PLACE IN NON-LEAK CNTNR,SEAL/DISPO AS IGN
HAZ WASTE ACCORDING TO LATEST EPA/STATE REGS.

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