

D-70 DEVELOPER

MSDS Number

CHQMS

National Stock Number

6850-01-265-2742

Product Name

D-70 DEVELOPER

Manufacturer

MET L CHEK COMPANY

Product Identification

Product ID:D-70 DEVELOPER

MSDS Date:01/01/1997

FSC:6850

NIIN:01-265-2742

MSDS Number: CHQMS

Responsible Party

MET-L-CHEK COMPANY

1639 EUCLID ST

SANTA MONICA , CA 90404-3770

US

Emergency Phone: 310-450-1111

Info Phone: 310-450-1111

Cage: 98733

Contractor

MET-L-CHEK COMPANY

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SANTA MONICA, CA 90404

US

310-450-1111/FAX 310452-4046

Cage: 98733

Ingredients

ISOPROPYL ALCOHOL (SARA 313)

CAS: 67-63-0

RTECS: NT8050000

OSHA PEL400 PPM

ACGIH TLV: 400 PPM/500STEL;9596

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION-MAY CAUSE MILD IRRITATION.

SKIN- MILDLY IRRITATING. INGESTION-LOW ORDER OF ACUTE TOXICITY.

Explanation of Carcinogenicity:PER

MSDS:CARCINOGENICITY:NTP/IARC/OSHA---NO.

Effects of Overexposure:IRRITATION OF EYES, SKIN OR NOSE AND
RESPIRATORY TRACT. EARLY TO MODERATE CNS DEPRESSION MAY BE
EVIDENCED BY GIDDINESS, HEADACHE, DIZZINESS, NAUSEA.

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

First Aid

First Aid:FLUSH EYES OR SKIN WITH WATER. REMOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION. INDUCE VOMITING IF VICTIM HAS INGESTED MATERIAL AND IS CONSCIOUS.

Fire Fighting

Flash Point Method:TCC
Flash Point:=11.7C, 53.F
Lower Limits:2
Upper Limits:12
Extinguishing Media:USE WATER FOG, "ALCOHOL" FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WARNING FLAMMABLE.
Fire Fighting Procedures:CLEAR FIRE ARE 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 PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.

Accidental Release

Spill Release Procedures:WARNING. FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. HANDLE EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER MATERIAL.

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAMES. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Other Precautions:DO NOT STORE OR HANDLE IN ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120F.

Exposure Controls

Respiratory Protection:IF EXPOSURE EXCEEDS TLV, USE NIOSH APPROVED RESPIRATOR.
Ventilation:LOCAL EXHAUST AND MECHANICAL VENTILATION: EXPLOSION PROOF TO MAINTAIN TLV.
Protective Gloves:CHEMICAL RESISTANT.
Eye Protection:GOGGLES IF SKIN CONTACT IS LIKELY.
Other Protective Equipment:AS REQUIRED TO MINIMIZE CONTACT. EYE WASH FOUNTAIN AND SAFETY SHOWER SHOULD BE AVAILABLE.
Work Hygienic Practices:MINIMIZE CONTACT.
Supplemental Safety and Health
NONE

Chemical Properties

HCC:F2
Boiling Pt:=82.2C, 180.F
Melt/Freeze Pt:=-88.3C, -127.F
Decomp Temp:Decomp Text:NP
Vapor Pres:33 @68F
Vapor Density:2.1
Spec Gravity:ABOUT 0.8
Evaporation Rate & Reference:1.4 (BUTYL ACETATE=1)
Solubility in Water:LIQUID PART SOLUBLE
Appearance and Odor:WHITE, MILKY SUSPENSION, MILD ODOR.
Percent Volatiles by Volume:NA
Corrosion Rate:NA

Stability

Stability Indicator/Materials to Avoid:YES
DO NOT STORE OR HANDLE IN ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120F.
Stability Condition to Avoid:AVOID HEAT SPARKS, FLAMES AND CONTACT WITH STRONG OXIDIZING AGENTS.

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

Conditions to Avoid Polymerization: AVOID HEAT SPARKS, OPEN FLAMES AND CONTACT WITH OXIDIZING AGENTS.

Disposal

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

Other Information

Disclaimer (provided with this information by the compiling agencies):

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Regulatory

SARA Title III Information: SEC313: CONTAINS NO CHEMS SUBJ TO REPORTING REQMTS OF SEC313 OF EPCRA/40CFR372.