View NSN Online: https://aerobasegroup.com/nsn/6850-00-160-8480

MET-L-CHEK COMPANY -- D-70 PENETRANT DEVELOPER -- 6850-00-160-8480

Product ID:D-70 PENETRANT DEVELOPER

MSDS Date:01/01/2001

FSC:6850

NIIN:00-160-8480

Status Code:A

MSDS Number: CLKTV === Responsible Party ===

Company Name: MET-L-CHEK COMPANY

Address:1639 EUCLID ST City:SANTA MONICA

State:CA

ZIP:90404-3770

Country:US

Info Phone Num:310-450-1111

Emergency Phone Num

:(800)424-9300

Preparer's Name: NOT PROVIDED Chemtrec 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:SP0450-01-M-ZG15

CAGE:98733

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

Ingred Name:ISOPROPANOL (2-PROPANOL)

CAS:67-63-0

RTECS #:NT8050000 Minumum % Wt:20. Maxumum % Wt:40. Other REC Limits: NOT PROVIDED
OSHA PEL:980 MG/M3;400 PPM
ACGIH TLV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name: ISOBUTANE (PROPELLANT)

CAS:75-28-5

RTECS #:TI4300000 Minumum % Wt:40. Maxumum % Wt:60.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT PROVIDED ACGIH TLV:NOT PROVIDED

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

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:POTENTIAL HEALTH EFFECTS: EYE CONTACT: LIQUID CAUSES SEVERE IRRITATION, REDNESS, TEARING AND SWELLING OF EYES. SKIN CONTACT: MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY OUT THE SK IN DUE TO DEFATTING OF SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, AND CRACKING OF SKIN. SWALLOWING: SMALL AMOUNTS MAY NOT PRODUCE HARMFUL EFFECTS. LARGE AMOUNTS MAY BE HARMFUL. INHALATION: SMALL AMO UNTS MAY NOT BE HARMFUL. LARGE AMOUNTS MAY BE HARMFUL.

Explanation of Carcinogenicity: THIS MATERIAL IS NOT KN OWN TO CONTAIN

ANY CONSTITUENTS IN REPORTABLE AMOUNTS LISTED AS CARCINOGENS BY THE INTERNATIONAL AGENCY FOR RESEARCH FOR CANCER, THE NATIONAL TOXICOLOGY PROGRAM OR OSHA.

Effects of Overexposure:STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIAHRREA), IRRITATION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, FATIGUE, HEADACHE, UNCONSCIOUSNESS).

Medical Cond Aggravated by Exposure:PREEXISTING DISORDERS OF THE FOLLOWING ORGANS (OR ORGAN SYSTEMS) MAY

BE AGGRAVATED BY EXPOSURE

TO THIS MATERIAL: LUNG (FOR EXAMPLE, ASTHMA-LIKE CONDITIONS), KIDNEY.

First Aid:EYES: FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK ME DICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE. CLEAN SHOES BEFORE REUSE. SWALLOWING: CALL A PHYSI

CIAN IMMEDIATELY.

IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVID UAL ON THEIR LEFT SIDE WITH THE HEAD DOWN. DO NOT LEAVE THE INDIVIDUAL UNATTENDED. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGE N. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:FLAMMABL AEROSOL

Autoignition Te mp:=398.9C, 750.F Lower Limits:2.0 %

Extinguishing Media:DRY CHEMICAL, ALCOHOL FOAM OR CARBON DIOXIDE.
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE. WATER SPRAY MAY BE
USED TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR FULL PROTECTIVE
CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH
FULL FACE PIECE OPERATE D IN THE PRESSURE DEMAND OR OTHER POSITIVE
PRESSURE MODE.

Unusual Fire/Explosion Hazard: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO DISTANT IGNITION SOURCE AND FLASH BACK.

SEALED CONTAINERS MAY RUPTURE WHEN HEATED.

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

Spill Release Procedures: VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. ISOLATE HAZARD AREA. WEAR PROTECTIVE GEAR, KEEP UNNECESSARY PERSONNEL AWAY. CONTAIN AND RECOVER LIQUID WHEN POSSIBLE. USE NON-SPARKING TOOLS. COLLECT LI QUID IN AN APPROPRIATE CONTAINER AND ABSORB WITH AN INERT MATERIAL SUCH AS VERMICULITE, DRY SAND

OR EARTH; DO NOT USE COMBUSTIBLE MATERIALS. PLACE IN A CHEMICAL WASTE CONTAINER. DO NOT FLUSH TO SEWER! Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE. STORE IN A COOL, DRY WELL-VENTILATED LOCATION, AWAY FROM AREAS WHERE FIRE HAZARD OR IGNITION SOURCES MAY EXIST. OUTSIDE OR DETACHED STORAGE IS PREFERRED. CONTAINERS SHOULD BE GROUNDED FOR TRANSFERS TO AVOID

STATIC SPARKS. STORE AND USE IN NOT SMOKING AREA. Other Precautions: CONTAINER MAY BE HAZARDOUS WHEN EMPTY SINCE RESIDUE LIQUID AND VAPORS MAY BE PRESENT. USE NONSPARKING TOOLS. ANY USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESSING SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH AND MAINTAIN SAFE OPERATING CONDITIONS. ====== Exposure Controls/Personal Protection ======== Respiratory Protection: PERSONAL RESPIRATORS (NIOSH APPROVED) IF **EXPOSURE LIMIT IS EXCEED** ED. Ventilation: A SYSTEM OF LOCAL OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURE BELOW THE AIRBORNE EXPOSURE LIMITS. LOCAL EXHAUST VENTILATION IS PREFERRED. Protective Gloves:WEAR RESISTANT GLOVES. Eye Protection: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED. Other Protective Equipment: EYE WASH AND QUICK-DRENCH FACILITIES SHOULD BE NEAR WORK AREA. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Work Hya

ienic Practices:NOT PROVIDED Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN, N/P = NOT PROVIDED, N/R = NOT RELEVANT, N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROI NTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

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

HCC:V3

NRC/State Lic Num: NOT RELEVANT

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDE

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:33.0MMHG@68F

Vapor Density:2.07 Spec Gravity:0.856 VOC Pounds/Gallon:710

pH:NO DATA

Viscosity: NOT PROVIDED

Evaporation Rate & Description Rate & Reference: 1.7 (N-BUTYL ACETATE=1)

Solubility in Water:90%

Appearance and Odor: WHIRE, MILKY SUSPENSION IN LIQUID; SLIGHT ETHANOL/ACETONE LIKE ODOR.

Percent Volatiles by Volume:90 Corrosion Rate: NOT PROVIDED

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

Stability Indicator/Materials to Avoid:Y

ES DO NOT USE WITH ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120 F.
Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE. Hazardous Decomposition Products:MAY FORM CARBON DIOXIDE AND CARBON
MONOXIDE.
========= Toxicological Information ===========
Toxicological Information:NO DATA.
========= Ecological Information ===========
Ecological:NO DATA AVAILABLE ON PRODUCT.
======= Disposal Considerations =
Waste Disposal Methods:PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEMENT OPTIONS. STATE AND LOCAL DISPOSAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS. DISPOSE OF CONTAINER AND UN USED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGUIREMENTS. NOTE: MSDS INFORMATION IS FO R AS SUPPLIED LIQUID.
========= MSDS Transport Information ===========
Transport Information:DOT INFORMATION - 4
9CFR 172.101 SHIPPING NAME: CONSUMER COMMODITY, LABEL: ORM-D. HAZARD CLASS: NONE.
INDENTIFICATION NUMBER: NONE. PACKING GROUP: NONE. REPORTABLE QUANTITY - 49 CFR 172.101 - NOT APPL ICABLE.
============= Regulatory Information ==============
SARA Title III Information:SARA 302 COMPONENTS- 40 CFR 355 APPENDIX A: NONE. SARA SECTION 311/312 HAZARD CLASS- 40 CFR 370.2: IMMEDIATE X, DELAYED X, FIRE X, REACTIVE NO, SUDDEN RELEASE OF PRESSURE NO. SARA 313 COMP
ONENTS- 40 C FR 372.2: NONE. CERCLA RQ- 49 CFR 302(A): NONE LISTED.
Federal Regulatory Information:TSCA: LISTED.
State Regulatory Information:CALIFORNIA PROPOSITION 65 REQUIRES

State Regulatory Information: CALIFORNIA PROPOSITION 65 REQUIRES FOLLOWING STATEMENT: PRODUCT MAY CONTAIN DETECTABLE AMOUNTS OF SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. NEW JERSEY RTK LABEL- ISOPROPYL ALCOHOL 6 7-63-0. PENNSYLVANIA RTK LABEL- 2-PROPANOL 67-63-0.

========== Other Information ==============

Disclaimer (pr

ovided with this information by the compiling agencies):
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