View NSN Online: https://aerobasegroup.com/nsn/6850-00-145-0255

MET-L-CHEK COMPANY -- D-70 PENETRANT DEVELOPER (SEE SUPPL) -- 6850-00-145-0255
========== Product Identification ==========

Product ID:D-70 PENETRANT DEVELOPER (SEE SUPPL)
MSDS Date:01/01/2001
FSC:6850
NIIN:00-145-0255
Status Code:A
Kit Part:Y
MSDS Number: CLDNT
=== Responsible Party ===
Company Name:MET-L-CHEK COMPANY
Address:1639 EUCLID ST
Box:00000
City:SANTA MONICA
State:CA
ZIP:90404
Country:US
Info Ph
one Num:310-450-1111/FAX 310452-4046
Emergency Phone Num:800-424-9300
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
CAGE:98733

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

Ingred Name:ISOPROPANOL (2-PROPANOL)
CAS:67-63-0
RTECS #:NT8050000
Minumum % Wt:20.
Maxumum % Wt:40.
OSHA PEL:980 MG/M3;40

0 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.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: LIQUID CAUSES SEVERE IRRITATION, REDNESS, TEARING AND SWELLING OF EYES. SKIN: MAY CAUSE SKIN IRRITATION. PROLONGED/REPEATED CONTACT MAY DRY OUT THE SKIN DUE TO DE
FATTING OF SKIN. SYMPTOMS MAY INC LUDE REDNESS, BURNING AND CRACKING OF SKIN. SWALLOWING: SMALL AMOUNTS MAY NOT PRODUCE HARMFUL EFFECTS. LARGE AMOUNTS MAY BE HARMFUL. INHALTION: SMALL AMOUNTS MAY NOT BE HARMFUL. LARGE AMOUNTS MAY BE H ARMFUL.
Explanation of Carcinogenicity:THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY CONSTITUENTS IN REPORTABLE AMOUNTS LISTED AS CARCINOGENS.
Effects of Overexposure:STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT
, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, FATIGUE, HEADACHE, UNCONSCIOUSNESS).

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

First Aid:EYE: FLUSH WITH CLEAN WATER FOR AT LEAST 15 MIN. HOLD EYELIDS OPEN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP & WATER. LAUNDER CLOTHING BEFORE REUSE. CLEAN SHOES BEFORE REUSE. S WALLOWING: CALL PHYSICIAN IMMEDIATELY. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT G
IVE ANYTHING BY MOUTH; PLACE INDICIDUAL ON THEIR LEFT SIDE WITH HEAD DOWN. DO NOT LEAVE INDIVIDUAL UNATTENDED. IN HALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREAHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION FOR ROUTES AS NEEDED.

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

Flash Point Method:TCC
Flash Point:=11.7C, 53.F
BULK
Autoignition Temp:=398.9C, 750.F
Lower Limits:2.0
Extinguishing Media:DRY CHEMICAL, A

LCOHOL 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 RUPTUR
E 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/RECOVER LIQUID WHEN POSSIBLE. USE NON-SPARKING TOOLS. COLLECT LIQUID IN AN APPROPRIATE CONTAINER OR ABSORB WITH AN INERT MATERIAL SUCH AS VERMICULITE, DRY SAND, OR EARTH; DO NOT USE COMBUSTIBLE MATERIALS, AND PLACE IN A CHEMICAL WAST
E CONTAINER. DON'T FLUSH TO SEWER

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE. STORE IN COOL, DRY WELL-VENTILATED LOCATION, AWAY FROM AREAS WHERE FIRE HAZARD OR IGNITION SOURCES MAY EXIST. OUTSIDE OR DETACHED STORAGE IS PREFERRED. CONTAINERS SHOU LD BE GROUNDED FOR TRANSFERS TO AVOID STATIC SPARKS. STORE AND USE IN NO SMOKING AREA.
Other Precautions:STORAGE CONT: CONTAINERS MAY BE HAZARDOU
S WHEN EMPTY
SINCE RESIDUE LIQUID/VAPOR MAY BE PRESENT. USE NON-SPARKING TOOLS. ANY USE OF THIS PRODUCT IN ELEVATED TEMPERATURE PROCESSING SHOULD BE THOROUGHLY EVALUATED TO ESTABLISH/MAINTAIN SAFE OPERATING CONDITIONS.

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

Respiratory Protection:PERSONAL RESPIRATORS (NIOSH APPROVED) IF EXPOSURE LIMIT IS EXCEEDED.
Ventilation:LOCAL OR GENERAL EXHAUST IS RECOMMENDED. LOCAL EXHAUST IS PREFERRED TO CONTROL EMI

SSIONS OF CONTAMINANT AT ITS SOURCE.
Protective Gloves:RESISTANT GLOVES
Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES OR FULL FACESHIELD
Other Protective Equipment:EYE WASH AND QUICK-DRENCH FACILITIES. WEAR IMPERVIOUS CLOTHING AND BOOTS.
Supplemental Safety and Health
THIS IS PART OF KIT CONTAINING: D-70; E-59A AND VP-31A. GENERIC ID: AMS-2644 PENETRANT DEVELOPER FORMS D & E.

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

HCC:V3
Boiling Pt:=82.2C,
180.F
B.P. Text:INITIAL
Vapor Pres:33.0MMHG
Vapor Density:2.07
Spec Gravity:0.856
VOC Pounds/Gallon:710
pH:NO DATA
Evaporation Rate & Reference:1.7 (NBUAC=1)
Solubility in Water:90%
Appearance and Odor:WHITE, MILKY SUSPENSION IN LIQUID; SLIGHT ETHANOL/ACETONE LIKE ODOR.
Percent Volatiles by Volume:90%

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

Stability Indicator/Materials to Avoid:YES
DO NOT USE WITH ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120F.
Hazardous De
composition Products:CARBON DIOXIDE AND CARBON MONOXIDE

========== Toxicological Information ==========

Toxicological Information:NO DATA

========== Ecological Information ==========

Ecological:NO DATA VAILABLE ON PRODUCT.

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

Waste Disposal Methods:PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE ITS WASTE MANAGEMENT OPTIONS. STATE & LOCAL DISPOSAL REGULATIONS MAY

DIFFER FROM FEDERAL DISPOSAL REGULATIONS. DISPOSE OF CONTAINER & UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REQUIREMENTS. NOTE: MSDS INFORMATION IS FOR AS S UPPLIED LIQUID.

========== MSDS Transport Information ==========

Transport Information:DOT INFORMATION- 49 CFR 172.101 SHIPPING NAME: CONSUMER COMMODITY.

========== Regulatory Information ==========

SARA Title III Information:SARA 302 COMPONENTS - 40 CFR 355 APP
ENDIX A:
NONE. SECTION 311/312 HAZARD CLASS - 40 CFR 370.2: IMMEDIATE, DELAYED, & FIRE. SARA 313 COMPONENTS - 40 CFR 372.65: NONE.
Federal Regulatory Information:TSCA: LISTED. CERCLA RQ - 49 CFR 302.4(A): NONE LISTED.
State Regulatory Information:CALIFORNIA PROPOSITION 65 REQUIRES THE FOLLOWING STATEMENT- PRODUCT MAY CONTAIN DETECTABLE AMOUNTS OF SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. NEW JERSEY RTK LABEL- ISOPROPYL ALCO HOL 67-63-0. PENNSYLVANI
A RTK
LABEL- 2-PROPANOL 67-63-0.

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particular situation.