

MET-L-CHEK COMPANY -- E-59A CLEANER/REMOVER -- 6850-00-160-8481

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

Product ID:E-59A CLEANER/REMOVER

MSDS Date:10/01/1999

FSC:6850

NIIN:00-160-8481

Status Code:A

MSDS Number: CKFDM

=== 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/FAX 452-4046

Emergency Ph

one Num:(800)424-9300

Chemtec 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:SP0450-00-M-D676

CAGE:98733

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

Ingred Name:LIGHT ALIPHATIC SOLVENT NAPHTHA (PETROLEUM) (ALIPHATIC
PETROLEUM DISTILLATE)

CAS:64742-89-8

Minumum % Wt:40.

Maxumum % Wt:60

Ingrid Name:ISOBUTANE PROPELLANT)

CAS:75-28-5

RTECS #:TI4300000

Minumum % Wt:40.

Maxumum % Wt:60.

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Health Hazards Acute and Chronic:EYE: LIQUID MAY CAUSE MILD IRRITATION, REDNESS, TEARING AND STINGING OF EYES. SKIN: MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY OUT THE SKIN DUE TO DE

FATTING 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 AMOUNTS MAY NOT BE HARMFUL. LARGE AMOU NTS MAY BE HARMFUL.

Explanation of Carcinogenicity:THIS MATERIAL IS NOT LISTED AS CARCINOGEN BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, THE NATIONAL TOXICOLOGY PROGRAM, OR OSHA.

Effects of Overexposure:STOMACH OR INTESTINAL UPSET (NAUSEA, VOM ITING,

DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, FATIGUE, HEADACHE, UNCONSCIOUSNESS).

Medical Cond Aggravated by Exposure:NOTE TO PHYSICIANS: PREEXISTING DISORDERS OF THE FOLLOWING ORGANS (OR ORGAN SYSTEMS) MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL: SKIN.

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

First Aid:EYES: FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OP

EN. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAIMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, S EEK MEDICAL ATTENTION. SWALLOWING: CALL A PHYSICIAN IMMEDIATELY. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THEIR LEFT SIDE WITH THE HEAD DOWN. DO NO T LEAVE INDIVIDUAL UNATTENDED. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT,

GIVE OXYGEN. GET MEDICAL
ATTENTION IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:=10.C, 50.F

Autoignition Temp:=232.2C, 450.F

Lower Limits:NO DATA

Upper Limits:NO DATA

Extinguishing Media:DRY CHEMICAL, REGULAR 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 BR

EATHING APPARATUS WITH

FULL FACE PIECE OPERA TED 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. EMPTY CONTAINERS MAY
CONTAIN VAPORS OR RESIDUES.

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

Spill Release Procedures:VENTILATE AREA. REMOVE ALL SOURCES OF
IGNITION. IS

OLATE HAZARD AREA. WEAR PROTECTIVE GEAR, KEEP

UNNECESSARY PERSONNEL AWAY. CONTAIN & RECOVER LIQUID WHEN POSSIBLE.
USE NON-SPARKING TOOLS. COLLECT LIQU ID IN AN APPROPRIATE CONTAINER
OR 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:NONE SPECIFIED BY MANUFACTUER.

===== 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. CONTAINER S SHOULD BE GROUNDED FOR
TRANSFERS TO AVOID STATIC SPARKS. STORE AND USE IN NO SMOKING
AREA.

Other Precautions:CONTAINERS MAY BE HAZARDOUS WHEN EMPTY SINCE RESIDUE
LIQUID AND VAPORS MAY BE PRESENT. USE NON-SPARKING TOOLS. ANY USE
OF THIS PRODUC

T 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 EXCEEDED.

Ventilation:A SYSTEM OF LOCAL OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURE BELOW THE AIRBORNE EXPOSURE LIMITS. LOCAL EXHAUST VENTILATION IS PREFERRED TO C

Protective Gloves:WEAR RESISTANT GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES, SAFETY GLASSES OR FULL FACE SHIELD

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 Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NOTE FROM DLA-HMIS STAFF: MSDS WRITTEN FOR BOTH BULK AND AEROSOL FORMS; IN PARTICULAR INGREDIENT PERCENTAGES. DLSC-TIR SAYS NSN IS F

OR A SPRAY (AEROSOL) CAN, SO DLA-HMIS STAFF FOCUSED ON THOSE DATA ELEMENTS THAT SUPPORTED THAT FORM OF THE PRODUCT.

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

HCC:V3

Boiling Pt:=118.C, 244.4F

B.P. Text:@760MMHG

Vapor Pres:10.2 MMHG@68F

Spec Gravity:0.746@60F

VOC Pounds/Gallon:743

Evaporation Rate & Reference:9.2 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, COLORLESS VOLATILE LIQUID; LIGH HYDROCARBON ODOR

Percent Volatiles by Volume:

ume:100%

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

Stability Indicator/Materials to Avoid:YES

AVOID STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AND VARIOUS HYDROCARBONS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:NO DATA.

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==== Ecological Information =====

Ecological:NO DATA.

==== 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 U NUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS.

==== MSDS Transpor
t Information =====

Transport Information:US DOT INFORMATION (AEROSOL): SHIPPING NAME: CONSUMER COMMODITY. LABEL: ORM-D. HAZARD CLASS: NONE. IDENTIFICATION NUMBER: NONE. PACKING GROUP: NONE. REPORTABLE QUANTITY-49 CFR 172.101: POUNDS OF PRO DUCT: 11111;
COMPONENT-XYLENES (O-,M-,P- ISOMERS). POUNDS OF PRODUCT: 50000;
COMPONENT-BENZENES.

==== Regulatory Information =====

SARA Title III Information:SARA 302 COMPONENTS-40 CFR
355 APPENDIX A:

NONE. SARA SECTION 311/312 HAZARD CLASS-40CFR370.2: IMMEDIATE (); DELAYED(); FIRE(X); REACTIVE(); SUDDEN RELEASE OF PRESSURE(). SARA 313 COMPONENTS-40CFR372.6 5: NONE.

Federal Regulatory Information:TSCA: LISTED. CERCLA RQ-49CFR302.4(A):
NONE LISTED.

State Regulatory Information:CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCE(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: BENZENE. NEW JERSEY RTK LABEL: NAPHTHA,
SOLVENT 64
742-89-8.

==== Other Information =====

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