

COOPERS CREEK CHEMICAL CORPORATION -- 9039 MIL-C-450 C, TYPE II, COMPOSITION L --
8030-00-290-5141

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

Product ID:9039 MIL-C-450 C, TYPE II, COMPOSITION L
MSDS Date:09/16/1993
FSC:8030
NIIN:00-290-5141
MSDS Number: CGFBT
=== Responsible Party ===
Company Name:COOPERS CREEK CHEMICAL CORPORATION
Address:99 RIVER ST
City:WEST CONSHOHOCKEN
State:PA
ZIP:19428-2420
Country:US
Info Phone Num:215-828-0375,
Emergency Phone Num:215-828-0375, CHEMTREC 800-424-9300
CAGE:86273
=== Contractor Identification ===
Company Name:COOPERS CREEK CHEMICAL CORP
Address:99 RIVER ST
City:WEST CONSHOHOCKEN
State:PA
ZIP:19428-2420
Country:US
Phone:215-828-0375
CAGE:86273

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

Ingredient Name:LIGHT ALIPHATIC SOLVENT NAPHTHA
CAS:64742-89-8
Fraction by Wt: 50%
Other REC Limits:100 PPM (MFR)
OSHA PEL:300 PPM

Ingredient Name

:ASPHALT (PETROLEUM)
CAS:8052-42-4
RTECS #:CI9900000
Fraction by Wt: 45%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:5 MG/M3; (FUME);9394

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200/300 CEILING
ACGIH TLV:50 PPM (SKIN)
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carci

nogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL: MIST/VAPOR CAN IRRIT RESP

TRACT.EYES: VAPOR/LIQ CAN IRRIT.POSSIBLE DAMAGE W/CHRONIC

CONTACT.HOT MAT'L CAN BURN EYE TISSUE POSSIBLY RESULTING IN LOSS

SIGHT.SKIN: POS IRRIT/DERMATITIS/BURNS.INGES T: POS SEVERE GI

IRRIT/NAUSEA/VOMITING/CNS DEPRESSION. CAN ENTER LUNGS DURING

SWALLOWING/VOMITING CAUSING INFLAM/DAMAGE.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER I

S LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:POSSIBLE HEADACHES, DIZZINESS, NAUSEA

W/OVEREXPOSURE. PROLONGED EXPOSURE TO CONCENTRATE SIGNIFICANTLY

BEYOND WORKPLACE EXPOSURE LIMITS CAN CAUSE RESPIRATORY DIFFICULTY,

CONVULSIONS, POSSIBLE CARDIOVAS CULAR COLAPSE. LONG-TERM EXPOSURE

CAN CAUSE IRREVERSIBLE LIVER OR KIDNEY DAMAGE, MAY CAUSE

EMBRYOFETOTOXICITY.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures =====

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE ARTIF RESP IF BREATHING STOPPED. GIVE OXYGEN IF BREATHING DIFFICULT. GET MED AID. EYES: FLUSH WITH LOTS OF WATER FOR 15 MIN. GET MED AID. SKIN: REMOVE CONTAMINATED C LOTHES. WASH WITH SOAP AND WATER. GET MED AID IF IRRITATION PERSISTS. IF CONTACTED BY HOT MAT'L, DON'T REMOVE CLOTHING ON AFFECTED AREA. IMMED IMMERSSE IN ICE COLD WATER. WRAP IN GAUZ. GET MED AID.

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Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:40.0F,4.4C

Lower Limits:0.9

Upper Limits:7.0

Extinguishing Media:CLASS B EXTINGUISHANT. DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER FOG. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:USE PRESSURE DEMAND SCBA (MSHA/NIOSH) & FULL PROTECTIVE GEAR. COOL FIRE-EXPOSED CONTAINERS W/WATER SPRAY.

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

Spill Release Procedures:IF INDOORS VEN TILATE AREA. STOP LEAK/SPILL

SOURCE IF POSSIBLE. DIKE W/SAND, EARTH, PIGS, OTHER INERT MATERIAL TO PREVENT SPILLAGE ENTERING SEWER, OPEN BODIES WATER &/OR SOIL CONTAMINATION.

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

Handling and Storage Precautions:ELIMINATE IGNITION SOURCES. STORE CONTAINERS SEPARATE FROM OXIDIZERS. MEET ALL APPLICABLE ANSI/NFPA 30 REQUIREMENTS AS APPLIES TO CLASS IB LIQUIDS.

Other Precautions:SPILLS >99 LBS ARE REPORTABLE TO NAT IONAL RESPONSE

CENTER UNDER CERTAIN CIRCUMSTANCES. WEAR PERMIATION RESISTANT ELASTOMERIC BOOTS/OVERSHOES IN CASE OF SPILL.

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

Respiratory Protection:IF VENT/CONTAINMENT MEASURES INSUFFICIENT, WEAR MSHA/NIOSH APPROVED RESP SUITABLE FOR PROTECTION FROM VAPOR CONCENTRATIONS ENCOUNTERED.

Ventilation:INDOORS, USE LOCAL/GENERAL EXHAUST SUFFICIENT TO KEEP VAPOR/FUME LEVELS BELOW APPLIC EXPOS LIMITS. OUTDOORS, STAY UP

WIND

Protective Gloves:PERMIATION RESISTANT ELASTOMERIC GLOVES

Eye Protection:SPLASH GOGGLES (ANSI). NO CONTACTS.

Other Protective Equipment:PERMIATION RESISTANT ELASTOMERIC CLOTHES
W/LONG SLEEVES/PANTS. REPLACE WHENEVER BECOMES
SWOLEN/GUMMY/TORN/SHOWS*

Work Hygienic Practices:WASH HANDS W/SOAP & WATER AFTER HANDLING,
BEFORE EATING/SMOKING. SHOWER AT END OF SHIFT.WASH CONTAM CLOTHES
BEFORE REUSE

Supplemental Safety and Health

*EVIDENCE OF BARRIER LOSS. EYEWASH STATION & EMERGENC
Y SHOWER (ANSI)
SHOULD BE AVAILABLE.

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

Boiling Pt:B.P. Text:230F,110C

Vapor Pres:45 @ 20C

Vapor Density:>1.0

Spec Gravity:0.9

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK VISCOUS LIQUID, HYDROCARBON ODOR

Percent Volatiles by Volume:55

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

Stability Indicator/Materials to Avoid:YES

NK

Stability Condition to Avoid:AVOID OPEN FLAMES, SOURCES OF IGNIT
ION AND
STRONG OXIDIZING AGENTS.

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

Waste Disposal Methods:INCINERATE AT PERMITTED FACILITY IN ACCORDANCE
W/REGS. EPA #D-001. EMPTY CNTNRS MAY CONTAIN HAZ RESIDUES. OBSERVE
ALL PRECAUTIONS UNTIL CNTNRS RECONDITIONED. DON'T APPLY HEAT, FLAME
CUT OR WELD ON CNT NR. CRUSH OR PUNCTURE CNTNRS BEFORE DISCARDING.

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