

COOPERS CREEK CHEMICAL CORPORATION -- MIL-C-450 C, TYPE 2, COMPOSITION L; 9039 --  
5610-01-332-8798

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

Product ID:MIL-C-450 C, TYPE 2, COMPOSITION L; 9039  
MSDS Date:01/10/1996  
FSC:5610  
NIIN:01-332-8798  
Status Code:A  
MSDS Number: CHWRT  
=== Responsible Party ===  
Company Name:COOPERS CREEK CHEMICAL CORPORATION  
Address:99 RIVER ST  
City:WEST CONSHOHOCKEN  
State:PA  
ZIP:1  
9428-2420  
Country:US  
Info Phone Num:215-828-0375,  
Emergency Phone Num:215-828-0375, CHEMTREC 800-424-9300  
Preparer's Name:CARR AND PERPER, INC.  
CAGE:86273

=== Contractor Identification ===

Company Name:COOPERS CREEK CHEMICAL CORP  
Address:99 RIVER ST  
Box:City:WEST CONSHOHOCKEN  
State:PA  
ZIP:19428-2420  
Country:US  
Phone:215-828-0375  
CAGE:86273

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

Ingred Name:NAPHTHA, VM&P  
CAS:64742-89-8  
Fraction by Wt: 50%  
Other REC Limits:NONE RECO

MMENDED  
ACGIH TLV:300 PPM A3

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

Ingred Name:TOLUENE (SARA 313) (CERCLA)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM; 300 PPM CLG  
ACGIH TLV:S, 50 PPM; 9495  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES  
Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALE: IRRITATES RESP TRACT,  
HEADACHE, DIZZINESS, NAUSEA, RESP DIFFICULTY, CONVULSIONS, POSSIBLE  
CARDIOVASCULAR COLLAPSE. EYE: IRRITANT, EYE DAMAGE, HOT MATERIAL  
CAN BURN, POSSIBLE BLINDNESS. SKIN: IRRITATION, DERMATITIS, HOT  
MATERIAL CANBURN. INGEST: SEVERE GI IRRITATION, NAUSEA, VOMITING,  
CNS DEPRESS, LUNG DAMAGE.  
Explanation of Carcinogenicity:NO  
Effects of Over  
exposure:LONG TERM OVEREXPOSURE: IRREVERSIBLE LIVER OR  
KIDNEY DAMAGE. EMBRYOFETOTOXICITY.

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

First Aid:INHALE: REMOVE TO FRESH AIR IMMED, GIVE CPR, GIVE OXYGEN, GET  
MED AID AFTER REVIVING UNCONSCIOUS VICTIM. EYE: FLUSH WITH MUCH  
WATER AT LEAST 15 MINUTES; GET MED AID FOR HOT MATERIAL. SKIN: (HOT  
MATERI AL) DO NOT REMOVE CLOTHING; IMMEDIATELYIMMERSE AREA IN  
ICE-COLD WATER, THEN WRAP WITH GAUZE; GET IMMED MED

AID; (UNHEATED)

REMOVE CONTAM CLOTHING, THEN REMOVE MATERIAL FROM SKIN WITH VEGETABLE OIL,\*

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

Flash Point:40.0F,4.4C

Autoignition Temp:Autoignition Temp Text:480 F

Lower Limits:9

Upper Limits:7

Extinguishing Media:CLASS B EXTINGUISHANT, DRY CHEMICAL, FOAM, CO2, WATER FOG.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED, PRESSURE DEMAND, SCUBA RESPIRATOR, AND FULL PROTECTIVE GEAR. COOL EXPOSED CONTAINERS WITH WATER SPRAY. I

Unusual Fire/Explosion Hazard:IN CLOSED TANKS, WATER OR FOAM MAY CAUSE FROTHING OR ERUPTION.

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

Spill Release Procedures:WEAR PERMEATION-RESISTANT, ELASTOMERIC BOOTS OR OVERSHOES. VENTILATE SPILL AREA; STOP SOURCE OF LEAK, DIKE WITH SAND, EARTH, PIGS, OTHER INERT MATERIAL. AVOID ENTRY INTO SOIL, SEWERS, OR BODIES OF WATER. TRANSFER SPILL TO LABELED RECOVERY CONTAINERS.

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

Handling and Storage Precautions:STORE/SHIP WASTE AS UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY, RCRA D-001, RQ: 100 LBS. AVOID ALL IGNITABLES; STORE AWAY FROM OXIDIZERS

Other Precautions:UPON SPILLAGE, CONSULT THE NATIONAL RESPONSE CENTER. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

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

Respiratory Protection:MSHA/NIOSH-APPROVED RESPIRATOR SUITABLE AGAINST

VAPOR CONCENTRATIONS.

Ventilation:LOCAL / GENERAL EXHAUST VENTILATION. IF OUTDOORS, STAY UPWIND.

Protective Gloves:PERMEATION-RESISTANT, ELASTOMERIC GLOVES

Eye Protection:SPLASH GOGGLES-NO CONTACT LENSES!

Other Protective Equipment:PERMEATION-RESISTANT, ELASTOMERIC, LONG-SLEEVED CLOTHES AND PANTS; EYEWASH STATIONS / EMERG SHOWER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING, BEFORE EATING OR SMOKING; SHOWER AT END OF WORK; WASH CONTAM CLOTHES B4 REUSE.

Suppleme

ntal Safety and Health

\*AND WASH AREAS THOROUGHLY W/ SOAP AND WATER; GET MED AID. INGEST: DO NOT GIVE ANYTHING BY MOUTH. DO NOT INDUCE VOMITING. GET MED AID IMMED.

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

Vapor Pres:45 @20C

Vapor Density:>1

Spec Gravity:.9

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK, VISCOUS LIQUID WITH HYDROCARBON SOLVENT ODOR

Percent Volatiles by Volume:55

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

S

tability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, LIQUID CHLORINE, SODIUM OR POTASSIUM HYPCHLORITE, NITRIC ACID AND PEROXIDES.

Hazardous Decomposition Products:OXIDES OF NITROGEN, CARBON, AND POSSIBLY SULFUR.

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

Waste Disposal Methods:EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUE. KEEP FROM ALL IGNITABLES. CRUSH OR PUNCTURE CONTAINERS BEFORE DISCARDING-DO NOT REUSE. INCINERATE AT PERMITTED FACILITY PER LOCAL, STATE, FEDERAL LAWS.

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