

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

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

Product ID:9039 MIL-C-450 TYPE II COMPOSITION L
MSDS Date:06/06/1990
FSC:8030
NIIN:00-290-5141
MSDS Number: BTSNR
=== 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
Box:City:WEST CONSHOHOCKEN
State:PA
ZIP:19428-2420
Country:US
Phone:215-828-0375
CAGE:86273

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

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

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);9394

=====
===== 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:ACUTE:INHALATION MAY CAUSE RESPIRATORY IRRITATION,CNS EFFECTS.CONTACT MAY CAUSE SKIN & EYE IRRITATION,DERMATITIS.INGESTION MAY CAUSE GI TRACT IRRITATION & CNS DE

PRESSION.PRODUCT ASPIRATED DURING SWALL OWING OR VOMITING MAY CAUSE LUNG DAMAGE. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY DAMAGE LIVER, KIDNEY AND EYES.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED: DIZZINESS, DROWSINESS, NAUSEA, VOMITING, HEADACHE, SHORTNESS OF BREATH. EYES: REDNESS, TEARING, BLURRED VISION, DISCOMFORT. SKIN: REDNESS, SWELLING, DISCOMFORT.

INGESTED: NAUSEA, VOMITING, DIARRHEA, DIZZINESS, DROWSINESS, HEADACHE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL AID. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. GET MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER.

INGESTED: DO NOT GIVE ANYTHING BY MOUTH! DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL AID. TARGET ORGANS: CNS, LUNGS, SKIN, EYES.

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

Flash Point Method:TCC

Flash Point:40.0F,4.4C

Autoignition Temp:Autoignition Temp Text:480F

Lower Limits:0.9

Upper Limits:7.0

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

Fire Fighting Procedures:FIREMEN SHOULD HAVE SELF CONTAINING

INED BREATHING

APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION. VENTILATE AREA. RECOVER BY VACUUM OR ABSORB WITH INERT MATERIAL, SHOVEL INTO CONTAINER FOR DISPOSAL. WORKERS MUST WEAR PROTECTIVE EQUIPMENT DURING CLEAN UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AT A COOL, DRY PLACE, AWAY FROM SOURCES OF IGNITION.

Other Precautions:EMPTY CONTAINER RETAIN RESIDUE, DO NOT REUSE, CUT, WELD OR PRESSURIZE.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR EMERGENCY OCCURS; USE MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTIDGE OR SCBA, AS REQUIRED.

USE RESPIRATORY PROTECTION IAW

MANUFACTURER'S RECOMMENDATIONS & 29 CFR 1910.134.

Ventilation:EXPLOSION-PROOF GENERAL OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:POLYURETHANE OR PVC

Eye Protection:GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:OVERALLS OR LONG SLEEVED SHIRTS.

Work Hygienic Practices:DO NOT SMOKE WHILE WORKING WITH THIS MATERIAL.

Supplemental Safety and Health

WASH HANDS AFTER HANDLING, WASH CONTAMINATED CLOTHING BEFORE REUSE

MSDS ENTERED BY DLA-HMIS UNDER PROJECT WITH GSA.

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

HCC:F2

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

Vapor Pres:45MMHG@25C

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

STRONG OXIDIZING AGENTS SUCH AS SODIUM OR PEROXIDES

TASSIUM HYPOCHLORITE,
NITRIC ACID & PEROXIDES.

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

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

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. DLA-HMIS: EPA/RCRA WASTE NUMBER D001 MAY APPLY
TO UNUSED/UNCONTAMINATED PRODUCT.

Disclaimer (provided with

this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.