

PROCURED BY DEFENSE SUPPLY CENTER RICHMOND -- PENETRATING OIL -- 9150-00-261-7899

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

Product ID: PENETRATING OIL

MSDS Date: 09/01/1998

FSC: 9150

NIIN: 00-261-7899

MSDS Number: CHQHL

=== Responsible Party ===

Company Name: PROCURED BY DEFENSE SUPPLY CENTER RICHMOND

Address: 8000 JEFFERSON DAVIS HIGHWAY

City: RICHMOND

State: VA

ZIP: 23297-5680

Country: US

Info Phone Num: 804-27

9-4371

Emergency Phone Num: 804-279-4371

Preparer's Name: DSCR-VBA(LEVIEN)

CAGE: JO760

=== Contractor Identification ===

Company Name: CLASSIC CHEM CO

CAGE: 7N781

Company Name: DEFENSE GENERAL SUPPLY CENTER

Address: 8000 JEFFERSON DAVIS HWY

Box: City: RICHMOND

State: VA

ZIP: 23297-5000

Phone: 804-279-4371

CAGE: 13873

Company Name: PROCURED BY DEFENSE INDUSTRIAL SUPPLY CENTER

Address: 700 ROBBINS AVENUE

Box: City: PHILADELPHIA

State: PA

ZIP: 19111-5096

Country: US

Phone: 215-697-2000

CAGE: JO760

===== Compos

ition/Information on Ingredients =====

Ingred Name:ALIPHATIC PETROLEUM SOLVENT
CAS:8008-20-6
RTECS #:OA5500000
Other REC Limits:NONE SPECIFIED

Ingred Name:UNIDENTIFIED COMPONENTS

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

LD50 LC50 Mixture:TLV FOR MINERAL OIL MISTS IS 5MG/M*3
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES, SKIN,
RESP
IRATORY AND G.I. TRACT, CNS EFFECTS. CHRONIC: DEFATTING OR
DERMATITIS.
Explanation of Carcinogenicity:NOT A CARCINOGEN.
Effects of Overexposure:MAY CAUSE HEADACHE, DIZZINESS, NAUSEA, VOMITING
OR GI TRACT DISTURBANCES POSSIBLE. BURNS OR REDNESS OF EYES/
CRACKING OR DRYNESS OF SKIN.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:
REMOV E CONTAMINATED CLOTHING. WASH WITH SOAPAND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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

Flash Point Method:CC
Flash Point:>110F,43C
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:FLOWING PETROLEUM PRODUCTS CAN BE IGNITED
BY STATIC ELECTRICITY.

===== Acc

idental Release Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION; CONTAIN FREE MATERIAL IF POSSIBLE; USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

FLASH POINT IS DERIVED FROM MILSPEC.THIS MSDS WAS DEVELOPED USING THE BEST AVAILABLE INFORMATION.

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

HCC:F4

Boiling Pt:B.P. Text:330F-515F

Melt/Freeze Pt:M.P/F.P Text:-22F,-30C

Vapor Pres: