

CROWN OIL & CHEMICAL CO. -- MIL-P-24548 PENETRATING FLUID -- 6850-01-043-8511

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Product Identification
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Product ID:MIL-P-24548 PENETRATING FLUID

MSDS Date:09/01/1990

FSC:6850

NIIN:01-043-8511

MSDS Number: BQMJJ

=== Responsible Party ===

Company Name:CROWN OIL & CHEMICAL CO.

Address:759 HILL STREET

City:JEFFERSON

State:LA

ZIP:70181

Country:US

Info Phone Num:504-733-9133

Emergency Phone Nu

m:504-733-9133

CAGE:0CF76

=== Contractor Identification ===

Company Name:CROWN OIL & CHEMICAL CO.

Address:751 HILL STREET

Box:City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504 OUT OF BUSINESS

CAGE:0CF76

Company Name:UNI-KEM INTERNATIONAL

Address:1001 HARIMAW COURT EAST

Box:City:METAIRIE

State:LA

ZIP:70001

Country:US

Phone:504-835-7600/FAX:504-835-7608

CAGE:4S446

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Composition/Information on Ingredients
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Ingred Name:OXYGENATED HYDROCARBON

Fraction by Wt: 10%

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ther REC Limits:NONE RECOMMENDED
OSHA PEL:NOT SPECIFIED
ACGIH TLV:NOT SPECIFIED

Ingred Name:PETROLEUM HYDROCARBON MIXTURE
Fraction by Wt: 90%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM (STODDARD)
ACGIH TLV:100 PPM (STODDARD)

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CONTACT CAN CAUSE SKIN
IRRITATION AND DERMAT
ITIS. INHALATION CAN CAUSE CENTRAL NERVOUS
SYSTEM EFFECTS. ASPIRATION INTO LUNGS AFTER INGESTION CAN CAUSE
CHEMICAL PNEUMONITIS, WHICH MAY BE FATAL.
Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT
IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYES/SKIN: IRRITATION. INHALATION: HEADACHE,
DROWSINESS.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN
DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH WATER FOR AT LEAT 15 MINUTES. SKIN: WASH
WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION:
GIVE LARGE AMOUNTS OF WATER OR MILK. DO NOT INDUCE VOMITING. FOR
ALL EXPOSURE S GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:125F,52C
Lower Limits:0.7
Upper Limits:5.0
Extinguishing Media:DRY POWDER O

R FOAM PREFERRED.

Fire Fighting Procedures:WEAR APPROPRIATE FIRE PROTECTIVE CLOTHING AND EQUIPMENT. USE FOAM TO BLANKET SPILL. USE WATER TO KEEP FIRE EXPOSED CONTAINERS FULL.

Unusual Fire/Explosion Hazard:COMBUSTIBLE. CAN REACT WITH OXIDIZING MATERIAL. VAPORS HEAVIER THAN AIR. CAN TRAVEL A LONG DISTANCE ALONG GROUND AND FLASHBACK.

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

Spill Release Procedures:REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER. WASH AREA WITH PLENTY OF WATER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND OXIDIZING AGENTS. KEEP CONTAINERS CLOSED.

Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION OR LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.

Protective Gloves:BUTYL RUBBER OR NEOPRENE GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PH AND VISCOSITY DATA TAKEN FROM TOTAL ITEM RECORD. MSDS SHOWS A FLASH POINT OF 121F (TCC), HOWEVER MIL SPEC MIL-P-24548A CALLS FOR NO FLASH POINT TO BOILING.

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

HCC:F4

Boiling Pt:B.P. Text:258F,126C

Vapor Pres:1 @ 68F

Vapor D

ensity:4.5

Spec Gravity:0.8121

pH:8-10

Viscosity: