

UNOCAL CHEMICALS DIV.,UNION OIL OF CALIFORNIA -- MIL-C-7024 D,CALIBRATING FLUID TYPE II
-- 6850-00-264-5771

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

Product ID:MIL-C-7024 D,CALIBRATING FLUID TYPE II

MSDS Date:12/01/1989

FSC:6850

NIIN:00-264-5771

MSDS Number: BDQKK

=== Responsible Party ===

Company Name:UNOCAL CHEMICALS DIV.,UNION OIL OF CALIFORNIA

Address:1345 N MEACHAM

City:SCHAUMBURG

State:IL

ZIP:601

96

Country:US

Info Phone Num:800-356-3129

Emergency Phone Num:202-483-7616/800-424-9300(CHEMTREC)

CAGE:94684

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:PHIPPS PRODUCTS CORP

Address:186 LINCOLN ST SUITE 502

Box:City:BOSTON

State:MA

ZIP:02111-2403

Country:US

Phone:OUT OF BUSINESS

CAGE:86511

Company Name:TULSTAR PRODUCTS INC

Address:1722

S CARSON, SUITE 2907

Box:City:TULSA

State:OK

ZIP:74119

Country:US

Phone:918-587-7878/FAX -3297 (DAVID COOK)

CAGE:0F2M5

Company Name:UNOCAL CHEMICALS DIV.,UNION OIL OF CALIFORNIA

Address:1345 N MEACHAM

Box:City:SCHAUMBURG

State:IL

ZIP:60196

Phone:312-490-2500/800-424-9300(CHEMTREC)

CAGE:94684

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Composition/Information on Ingredients
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Ingred Name:HYDROTREATED NAPHTHA,HEAVY

CAS:64742-48-9

Fraction by Wt: >99%

Other REC Limits:NONE SPECIFIED

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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: MAY CAUSE IRRITATION TO SKIN,
EYES, AND RESPIRATORY TRACT. INGESTION: MAY LEAD TO VOMITING,
NAUSEA, HEADACHE, DIARRHEA. CHRONIC: REPEATED AND PROLONGED SKIN
CONTACT MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:INHALATION:OVEREXPOSURE MAY LEAD TO RESPIRATORY
IRRITATION. INGESTION:MAY CAUSE NAUSEA,VOMITING,AND DIARRHEA AND
POSSIBLY UNCONSCIOUSNESS. EYES:CAUSES MILD IRRITATION ON
CONTACT.VAPORS MAY CAUSE TEARS /IRRITATION. SKIN:COMPONENTS ARE
UNLIKELY TO BE ABSORBED THROUGH SKIN IN HARMFUL CONCENTRATION BUT
MAY CAUSE IRRITATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYES AND SKIN DISORDER
MAY BE AGGRAVATED TO EXPOSURE TO THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND WATER.CALL A PHYSICIAN IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY.CALL A PHYSICIAN. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN.GET MEDICAL HELP. INGESTION: IMMEDIATELY CALL A PHYSICIAN.DO NOT INDUCE VOMITING.GIVE WATER IF CONSCIOUS. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:104F,40C

Lower Limits:0.8

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, HALON, OR FOAM

Fire Fighting Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT INCLUDING RESP PROTECTION. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. STOP LEAK/RELEASE IF IT CAN BE DONE SAFELY.

Unusual Fire/Explosion Hazard:COMBUSTIBLE MATERIAL AND MAY BE IGNITED BY HEAT,SPARK,OR FLAME.V

APORS MAY TRAVEL TO A SOURCE OF IGNITION

AND FLASH BACK.CONTAINERS MAY EXPLODE IN HEAT OF FIRE.

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

Spill Release Procedures:USE APPROPRIATE PROTECTIVE & SAFETY GEARS. SMALL SPILL:MOP UP OR SOAK UP WITH NON-COMBUSTIBLE INORGANIC ABSORBENT.PLACE IN DOT DRUMS. LARGE SPILL:CONTAIN BY DIKING WITH SUITABLE ABSORBENT.PUMP LIQ TO SALVAGE TANK.TRANSFER ABSORBED WASTE IN DOT DRUMS.

Neutralizing Agent:NONE NOTED

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

Handling and Storage Precautions:STORE IN A DRY,COOL,AND VENTILATED AREA.DO NOT STORE IN DIRECT SUNLIGHT.KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.PROTECT 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. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:WHEN NEEDED,USE NIOSH APPROVED CANISTER-TYPE RESPIRATOR.IN CONFINED OR POORLY VENTILATED AREAS OR FOR EMERGENCY AND OTHER CONDITIONS WHERE THE EXPOSURE LIMITS ARE EXCEED,USE AN APPROVED POSITIVE-PRES SURE,SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SAFETY GOGGLS;SAFETY GOGGLES

Other Prot

ective Equipment:EYE BATH & SAFETY SHOWER.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICES.WASH HANDS AFTER EACH USE OF PRODUCT.DO NOT EAT/DRINK/SMOKE IN WORK AREA.SHOWR AFTER

Supplemental Safety and Health
NONE

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

HCC:F4

Boiling Pt:B.P. Text:428F,220C

Vapor Pres:2.9

Vapor Density:4.9

Spec Gravity:0.772

Evaporation Rate & Reference:0.21 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odo

r:CLEAR, LITTLE IF ANY COLOR, LIQUID;CHARACTERISTIC
GASOLINE-LIKE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME & FIRE.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE
WHEN INVOLVE IN COMBUSTION.

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

Waste Disposal Methods:

WASTE MAY BE BURNT IN AN APPROVED INCINERATOR OR
DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE & FEDERAL
LAWS. EMPTY CONTAINERS CAN HAVE RESIDUES. CONTAMINATED PRODUCT &
MATERIALS AND EMPTY CONTAINERS ARE SUBJECT TO PROPER
WASTE DISPOSAL.

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