

UNION OIL CO OF CALIFORNIA UNION CHEMICALS DIV -- MINERAL SPIRITS 75 -- 6850-00-264-9038

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

Product ID:MINERAL SPIRITS 75

MSDS Date:12/01/1989

FSC:6850

NIIN:00-264-9038

MSDS Number: BJMCH

=== Responsible Party ===

Company Name:UNION OIL CO OF CALIFORNIA UNION CHEMICALS DIV

Address:1900 E GOLF ROAD

City:SCHAUMBURG

State:IL

ZIP:60194-5021

Country:US

Info Phone Num:800

-633-2362

Emergency Phone Num:800-424-9300 CHEMTREC

CAGE:DO716

=== Contractor Identification ===

Company Name:UNION OIL CO OF CALIF;UNION CHEMICAL DIV

Address:1345 NORTH MEACHAM ROAD

City:SCHAUMBURG

State:IL

ZIP:60196

Country:US

Phone:312-885-5450

CAGE:DO716

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

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

==

Ingred Name:HYDROTREATED LIGHT PETROLEUM DISTILLATE

CAS:64742-47-8

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:NAPHTHA, HEAVY STRAIGHT RUN

CAS:64741-41-9

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

===== 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:EYES/SKIN: IRRITATION. I

NHALATION:LOW

DEGREE OF TOXICITY. BREATHING HIGH CONCENTRATIONS OF VAPORS OR MISTS MAY RESULT IN IRRITATION OF THE NOSE AND THROAT AND SIGNS OF NERVOUS SYSTEM DEPRESSION. INGE STION:LOW DEGREE OF TOXICITY; HOWEVER IT IS AN ASPIRATION HAZARD. DO NOT INDUCE VOMITING.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:VAPORS IN HIGH CONCENTRATION ARE ANESTHETIC. OVEREXPOSURE MAY RESULT

IN FATIGUE, WEAKNESS, CONFUSION EUPHORIA, DIZZINESS, HEADACHE, DILATED PUPILS, LACRIMATION, NERVOUSNESS, MUSCLE FATIGUE, INSOMNIA, PARESTHESIA, DERMATITIS, AND PHOTOPHOBIA. EYE/SKIN:IRRITATION.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, RESPIRATORY TRACT OR NERVOUS SYSTEM MAY BE AT INCREASED RISK FROM EXPOSURE. DRYING/CRACKING OF SKIN.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INHALATION: REMOV E TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:107F,42C

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

=====

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT. DIKE AHEAD OF SPILL FOR LATER RECOVERY FOR LARGE SPILLS.

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

Handling and Storage Precautions:CONTENTS ARE FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. DURING USE AND UNTIL ALL VAPORS ARE GONE: KEEP AREA VENTILATED-DO NOT SMOKE.

Other Precautions

:AVOID BREATHING OF VAPORS.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV. WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS OF CONTAMINATES.

Ventilation:LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS.

Protective Gloves:NEOPRENE OR NATURAL RUBBER GLOVES

Eye Protection:PAINT GOGGLES/SAFETY GLASSES AS REQUIRED

Other Protective Equipment:INDUSTRIAL-TYPE WORK CLOTHING, HAT AND APRON AS REQUIRED.

Work Hygienic Practices:USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR/SPRAY MIST. AVOID CONTACT WITH SKIN & EYES. WASH HANDS AFTER USE.

Supplemental Safety and Health

KEEP CONTAINER CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. USE APPROVED BONDING AND GROUNDING PROCEDURES. KEY1: THIS IS PART B UNDER THIS NSN AND CAGE.

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

HCC:F4

Boiling Pt:B.P. Text:315F,157C

Vapor Pres:2.0

Vapor Density:4.8 AIR=1

Spec Gravity:0.799

Evaporation Rate & Reference:0.13 (N-BUTYL ACETATE=1)

Solubility in Water: