

UNOCAL CHEMICALS DIV UNION OIL OF CA -- 20026 THINNER - RONSONOL LIGHTER FUEL

MATERIAL SAFETY DATA SHEET

UNOCAL CHEMICALS DIV UNION OIL OF CANSN: 801000F025562

Manufacturer's CAGE: 5W323

Part No. Indicator: A

Part Number/Trade Name: 20026 THINNER

General Information

Item Name: RONSONOL LIGHTER FUEL

Company's Name: UNOCAL CHEMICALS DIV UNION OIL CO OF CA

Company's Street: 1700 E GULF RD

Company's City: SCHAUMBURG

Company's State: IL

Company's Country: US

Company's Zip Code: 60173

Company's Emerg Ph #: 708-619-2500

Company's Info Ph #: 708-619-2500

Distributor/Vendor # 1: RONSON CONSUMER PROD CORP

Distributor/Vendor # 1 Cage: 93047

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Status: SE

Date MSDS Prepared: 24MAR89

Safety Data Review Date: 19NOV92

MSDS Preparer's Name: LINDA S HADDOCK

Preparer's Company: UNOCAL CHEMICALS DIV UNION OIL CO OF CA

Preparer's St Or P. O. Box: 1700 E GULF RD

Preparer's City: SCHAUMBURG

Preparer's State: IL

Preparer's Zip Code: 60173

MSDS Serial Number: BPSGH

Ingredients/Identity Information

Proprietary: NO

Ingredient: ISOPARAFFINIC HYDROCARBONS (NAPHTHA PETROLEUM), HYDROTREATED HEAVY, NON AROMATIC HEAVY NAPHTHA) ISOPAR G *92-2*

Ingredient Sequence Number: 01

Percent: 78-82%

NIOSH (RTECS) Number: 1000047NA

CAS Number: 64742-48-9

Other Recommended Limit: 300 PPM EXXON

Proprietary: NO

Ingredient: BENZIN, NAPHTHA, MINERAL SPIRITS, PETROLEUM NAPHTHA

Ingredient Sequence Number: 02

NIOSH (RTECS) Number: DE3030000
CAS Number: 8030-30-6
OSHA PEL: 500 PPM
ACGIH TLV: 300 PPM
Other Recommended Limit: STEL 400 PPM

Proprietary: NO
Ingredient: HEPTANE
Ingredient Sequence Number: 03
Percent: 18-22%
NIOSH (RTECS) Number: MI7700000
CAS Number: 142-82-5
OSHA PEL: 500 PPM/500 STEL
ACGIH TLV: 400 PPM/500 STEL; 9293
Other Recommended Limit: 400 PPM

Proprietary: NO
Ingredient: METHYLCYCLOHEXANE
Ingredient Sequence Number: 04
NIOSH (RTECS) Number: GV6125000
CAS Number: 108-87-2
OSHA PEL: 500 PPM
ACGIH TLV: 400 PPM; 9293
Other Recommended Limit: 400 PPM

Proprietary: NO
Ingredient: C7 PARAFFINS
Ingredient Sequence Number: 05
NIOSH (RTECS) Number: 1008048PF

Proprietary: NO
Ingredient: C7 CYCLOPARAFFINS
Ingredient Sequence Number: 06
NIOSH (RTECS) Number: 1008047CP

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Physical/Chemical Characteristics
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Appearance And Odor: CLEAR, LITTLE IF ANY COLOR W/CHARACTERISTIC ODOR.
Boiling Point: 200-300F
Vapor Pressure (MM Hg/70 F): 14.8
Vapor Density (Air=1): 3.95
Specific Gravity: 0.739
Evaporation Rate And Ref: (N-BU O AC = 1): 1.77
Solubility In Water: 0.1%
Percent Volatiles By Volume: 100%

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Fire and Explosion Hazard Data
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Flash Point: 42F
Lower Explosive Limit: 0.9%
Upper Explosive Limit: 7%
Extinguishing Media: DRY CHEMICAL, CO2 OR A UNIVERSAL TYPE FOAM
Special Fire Fighting Proc: WEAR SCBA. WATER SPRAY MAY BE USEFUL IN
MINIMIZING VAPORS & COOLING CONTAINERS EXPOSED TO HEAT/FLAME. AVOID
SPREADING BURNING LIQUID W/WATER USED FOR COOLING.
Unusual Fire And Expl Hazrds: FLAMMABLE. FLASHBACK ALONG VAPOR TRAIL MAY
OCCUR. MAY EXPLODE IN THE HEAT OF FIRE IF NOT PROPERLY COOLED. FORMS
COMBUSTIBLE/EXPLOSIVE MIXTURES W/AIR/OXYGEN.
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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): HEAT, SPARKS, FLAME, & STATIC ELECTRICITY.
Materials To Avoid: STRONG ACIDS, BASES, OXIDIZING AGENTS & SELECTED
AMINES.
Hazardous Decomp Products: CO OR CO2
Hazardous Poly Occur: NO
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Health Hazard Data
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Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: EYES: IRRITATION, STINGING, TEARING &
REDNESS. SKIN: IRRITATION, ABSORPTION. INHALATION: NOSE/THROAT IRRITATION,
NERVOUS SYSTEM DEPRESSION, NAUSEA, ARRHYTHMIAS. INGESTION: DIGESTIVE TRACT
IRRITATION, NERVOUS SYSTEM DEPRESSION. ONE OR MORE COMPONENTS OF MATERIAL
CAN ENTER LUNGS CAUSING LUNG INFLAMMATION & DAMAGE.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: SKIN: REDNESS, BURNING, DRYING, CRACKING & SKIN
DAMAGE. INHALATION: PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.
Med Cond Aggravated By Exp: SKIN/LUNG/HEART DISORDERS .
Emergency/First Aid Proc: EYES: REMOVE TO FRESH AIR & FLUSH W/CLEAN WATER.
SKIN: WASH THOROUGHLY W/MILD SOAP & WATER. INHALATION: REMOVE TO FRESH AIR.
GIVE CPR OR OXYGEN IF NEEDED. INGESTION: DON'T INDUCE VOMITING OR GIVE
ANYTHING BY MOUTH. IF DROWSY/UNCONSCIOUS PLACE ON LEFT SIDE W/HEAD DOWN.
DON'T LEAVE UNATTENDED. ASPIRATION HAZARD. OBTAIN MEDICAL ATTENTION IN ALL
CASES. SEE SUPP ON NOTE TO PHYSICIANS.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: STAY UPWIND & AWAY FROM SPILL. ELIMINATE ALL SOURCES OF IGNITION. IF INDOORS VENTILATE AREA. USE SAND/OTHER INERT MATERIALS TO DAM/CONTAIN SPILL. DON'T FLUSH AREA W/WATER. SMALL SPILL- USE ABSORBENT PADS. CALL SPILL RESPONSE TEAM FOR LARGE SPILLS.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL/STATE/FED REGS. KEEP SPILL OUT OF DRAINS, SEWERS OR WATERWAYS. DRAIN/BUNG/SHIP EMPTY DRUMS TO THE SUPPLIER OR A DRUM CONDITIONER. ALL OTHERS DISPOSE IN AN ENVIRONMENTALLY MANNER & IN ACCORDANCE W/GOVT REGULATIONS.

Precautions-Handling/Storing: KEEP CONTAINERS CLOSED, COOL, DRY & AWAY FROM IGNITION SOURCES. USE/STORE W/ADEQUATE VENTILATION. EMPTY CONTAINERS RETAIN RESIDUE & CAN BE DANGEROUS.

Other Precautions: DON'T PRESSURIZE/CUT/WELD/BRAZE/SOLDER/DRILL/GRIND/ EXPOSE TO IGNITION SOURCES; MAY EXPLODE/CAUSE INJURY/DEATH. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. AVOID CONTACT W/SKIN & EYES.

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Control Measures
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Respiratory Protection: USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS. DEPENDING ON AIRBORNE CONCENTRATION USE RESPIRATOR OR GAS MASK W/APPROPRIATE CARTRIDGES/ CANNISTERS (NIOSH APPROVED)/SUPPLIED AIR EQUIPMENT.

Ventilation: ADEQUATE VENTILATION OR EXHAUST SYSTEM TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves: IMPERMEABLE

Eye Protection: RECOMMENDED

Other Protective Equipment: EYE FOUNTAIN. IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED.

Work Hygienic Practices: USE GOOD HYGIENE PRACTICE. REMOVE/LAUNDER CONTAMINATED SHOES & CLOTHING BEFORE REUSE.

Suppl. Safety & Health Data: CONT. NOTE TO PHYSICIAN: EXPOSURE TO HIGH LEVELS OF MATERIAL MAY BE ASSOCIATED W/CARDIAC ARRHYTHMIAS. EPINEPHRINE/ OTHER SYMPATHOMIMETIC DRUGS MAY INITIATE CARDIAC ARRHYTHMIAS ON EXPOSED INDIVIDUALS. CONSIDER DRUGS W/LESS ARRHYTHMOGENIC POTENTIAL. IF SYMPATHOMIMETIC DRUGS ARE GIVEN, OBSERVE FOR CARDIAC ARRHYTHMIAS.

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Transportation Data
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Disposal Data
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Label Data
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Label Required: YES

Technical Review Date: 19NOV92

Label Date: 29OCT92

Label Status: F
Common Name: RONSONOL LIGHTER FUEL
Chronic Hazard: YES
Signal Word: DANGER!
Acute Health Hazard-Severe: X
Contact Hazard-Severe: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: EYES: IRRITATION, STINGING, TEARING & REDNESS.
SKIN: IRRITATION, ABSORPTION. INHALATION: NOSE/THROAT IRRITATION, NERVOUS
SYSTEM DEPRESSION, NAUSEA, ARRHYTHMIAS. INGESTION: DIGESTIVE TRACT
IRRITATION, NERVOUS SYSTEM DEPRESSION. ONE OR MORE COMPONENTS OF MATERIAL
PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. TARGET ORGANS: NERVOUS SYSTEM,
RESPIRATORY TRACT, LUNGS, STOMACH, DIGESTIVE TRACT.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: UNOCAL CHEMICALS DIV UNION OIL CO OF CA
Label Street: 1700 E GULF RD
Label City: SCHAUMBURG
Label State: IL
Label Zip Code: 60173
Label Country: US
Label Emergency Number: 708-619-2500
Year Procured: UNK