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: M 7700000
CAS Number: 142-82-5
OSHA PEL: 500 PPM 500 STEL
ACGIH TLV: 400 PPM 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

Physical/Chemical Characteristics

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%

Fire and Explosion Hazard Data
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 M N I M ZING VAPORS & COOLING CONTAINERS EXPOSED TO HEAT/FLAME. AVOID SPREADING BURNING LIQUID W/WATER USED FOR COOLING.
Unusual Fire And Expl Hazards: 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.

Reactivity Data
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

Health Hazard Data
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, ARHYTHMIA. INGESTION: DIARRHEA 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.

Precautions for Safe Handling and Use
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/ DRI LL/ 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.

Control Measures

Respiratory Protection: USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS. DEPEND NG ON AIRBORNE CONCENTRATION USE RESPIRATOR OR GAS MASK W/APPROPRIATE CARTRIDGES/ CANISTERS (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 ARRHYTHMIA. EPINEPHRINE/ OTHER SYMPATHOMIMETIC DRUGS MAY INITIATE CARDIAC ARRHYTHMIA ON EXPOSED INDIVIDUALS. CONSIDER DRUGS W/LESS ARRHYTHMOGENIC POTENTIAL. IF SYMPATHOMIMETIC DRUGS ARE GIVEN, OBSERVE FOR CARDIAC ARRHYTHMIA.

Transportation Data

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 19NOV92
Label Date: 29OCT92
