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SHELL OIL CO,LUBRICANT SALES DEPT DGSC COORDINATOR -- SHELL ROTELLA(R) T MULTIGRADE 10W/30 -- 9150-01-230-9748

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

Product ID:SHELL ROTELLA(R) T MULTIGRADE 10W/30
MSDS Date:03/22/1990
FSC:9150
NIIN:01-230-9748
MSDS Number: BJYMS
=== Responsible Party ===
Company Name:SHELL OIL CO,LUBRICANT SALES DEPT DGSC COORDINATOR
Address:1 SHELL PLAZA
Box:2463
City:HOUSTON
State:
TX
ZIP:77252-2463
Country:US
Info Phone Num:713-473-9461
Emergency Phone Num:800-424-9300
Preparer's Name:J.C. WILLETT
CAGE:NO260
=== Contractor Identification ===
Company Name:EQUILON ENTERPRISES LLC PRODUCT STEWARDSHIP
Address:1111 BAGBY RD RM 4325D
Box:674414
City:HOUSTON
State:TX
ZIP:77267-4414
Country:US
Phone:877-276-7285
CAGE:3N254
Company Name:SHELL OIL CO,LUBRICANT SALES DEPT DGSC COORDINATOR
Address:1 SHELL PLAZA
Box:2463
City:HOUSTON
State:TX
ZIP:77252-2463
Country:US
Phone:713-473-94

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

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: 55-70%
Other REC Limits:NONE SPECIFIED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:ADDITIVES
Fraction by Wt: 30-40%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:5 G/KG (RAT)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
R
eports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INGESTION:NOT EXPECTED TO CAUSE ILL EFFECTS. INHALATION:NO ADVERSE HEALTH EFFECTS EXPECTED,HOWEVER,MINUTE AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE PULMONARY INJURY. EYE: IRRITATION. SKIN: NOT NORM ALLY EXPECTED TO CAUSE ILL EFFECTS. CHRONIC-PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION,DERMATITIS.
Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT SHOWN ANY
EVIDENCE OF BEING CARCINOGENIC.
Effects of Overexposure:PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION. EYE CONTACT MAY CAUSE EYE IRRITATION.
Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD AVOID PROLONGED CONTACT WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION

: REMOVE TO
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.
EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF
UNCONSCIOUS.

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

Flash Point Method:PMCC
Flash Point:390F,199C
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire
Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:RECOVER FREE PRODUCT, OR ABSORB WITH
DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIA
TE
CONTAINER FOR DISPOSAL. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES
BY DIKING OR IMPOUNDING. MINIM IZE SKIN CONTACT AND BREATHING
VAPORS.

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

Handling and Storage Precautions:AVOID STORAGE NEAR OPEN FLAME OR OTHER
SOURCES OF IGNITION,AND STRONG OXIDANTS.KEEP CONTAINERS CLOSED.
Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE.DO NOT
PRESSURIZE,CUT,WELD OR EXPOSE TO HEAT,FLAME,STATIC ELECTRICITY, OR
OTHER
SOURCES OF IGNITION;THEY MAY EXPLODE AND CAUSE INJURY.

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

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN
CONFINED OR ENCLOSED SPACES, IF NEEDED.
Ventilation:SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT.
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL
Eye Protection:USE CHEMICAL SAFETY GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICALLY
RESISTANT BOOTS AND APRO

NS RECOMMENDED.
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.
Supplemental Safety and Health
WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED CLOTHING AND LAUNDER BEFORE REUSE. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES. IF USED IN APPLICATIONS WHERE MIST MAY BE GENERATED, OBSERVE A TWA/PEL OF 5 MG/M3 FOR MINERAL OIL MIST.

========== Physical/Chemical Pro
perties ==========

HCC:V6
Melt/Freeze Pt:M.P/F.P Text:-35F,-37C
Spec Gravity:0.88
Solubility in Water:NEGLIGIBLE
Appearance and Odor:DARK AMBER OIL, SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION
Hazardous Decomposition Products:FUMES,SMOKE., OXIDES OF CARBON, NITRGEN AND SULFUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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