

## **ROTELLA T OIL 40, 54104**

### **MSDS Number**

BXGFP

### **National Stock Number**

9150-00N020254

### **Product Name**

ROTELLA T OIL 40, 54104

### **Manufacturer**

SHELL OIL CO

### **Product Identification**

Product ID:ROTELLA T OIL 40, 54104

MSDS Date:10/22/1992

FSC:9150

NIIN:00N020254

MSDS Number: BXGFP

### **Responsible Party**

SHELL OIL CO

HOUSTON , TX 77210

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 713-241-4819

Preparer: J.C. WILLET

Cage: SHELO

### **Contractor**

SHELL OIL COMPANY

4320

HOUSTON, TX 77210

US

800-231-6950

Cage: 54527

### **Ingredients**

CALCIUM PHENATE

OSHA PELN/K

ACGIH TLV: N/K

PHOSPHORODITHIOIC ACID, ZINC SALT; (ZINC DITHIOPHOSPHATES)

CAS: 19210-06-1

RTECS: TE4800000

OSHA PELN/K

ACGIH TLV: N/K

ADDITIVES; (MINOR ADDITIVES)

Fraction By Weight:

OSHA PELN/K  
ACGIH TLV: N/K

STORAGE SALVAGE VESSELS. SOAK UP RESIDUE  
RTECS: 9999999ZZ

DISPOSE OF PROPERLY. FLUSH AREA W/WATER TO REMOVE  
RTECS: 9999999ZZ

DISPOSE OF PROPERLY.  
RTECS: 9999999ZZ

MINERAL OIL, PETRO DISTILS, HYDROTREATED (SEV), HEAVY  
CAS: 64742-54-7  
RTECS: PY8035501  
Fraction By Weight: 0-90%  
OSHA PELN/K  
ACGIH TLV: N/K

MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT DEWAXED (SEV),  
CAS: 64742-65-0  
RTECS: PY8038501  
Fraction By Weight: 0-90%  
OSHA PELN/K  
ACGIH TLV: N/K

MINERAL OIL, PETROLEUM DISTILLATES, CATLYTIC DEWAXED  
CAS: 64742-70-7  
RTECS: PY8045501  
Fraction By Weight: 0-65%  
OSHA PELN/K  
ACGIH TLV: N/K

DEWAXED HEAVY PARAFFINIC DISTILLATE)  
RTECS: 9999999ZZ  
OSHA PELN/K  
ACGIH TLV: N/K

MINERAL OIL, PETRO DISTILS, HYDROTREATED (SEV), HEAVY  
CAS: 64742-52-5  
RTECS: PY8035001

Fraction By Weight: 0-50%

OSHA PELN/K

ACGIH TLV: N/K

MINERAL OIL, PETROLEUM DISTILLATES, ACID-TREATED HEAVY

CAS: 64742-18-3

RTECS: PY8032001

Fraction By Weight: 25-35%

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

(SOLVENT REFINED, HYDROTREATED, ACID TREATED, HEAVY

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

SOLVENT REFINED HYDROTREATED RESIDUAL OIL

CAS: 64742-57-0

Fraction By Weight: 0-10%

OSHA PELN/K

ACGIH TLV: N/K

ADDITIVE PACKAGE; CONTAINING INGS 10 & 11

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

## Hazards

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:EYES: LUBRICATING OILS ARE GEN  
CONSIDERED NO MORE THAN MINIMALLY IRRIT. SKIN: LUBRICATING OILS ARE  
GEN CONSIDERED NO MORE THAN MILDLY IRRIT. PRLNG & RPTD CNTCT MAY  
RSLT IN VARIOUS SKIN DISORDERS SUCH AS DERM, FOLLICULITIS OR OIL  
ACNE. INHAL: VAP (GENERATED AT HIGH TEMPS ONLY) OR OIL MIST FROM  
PROD (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: MAY RSLT IN MILD IRRIT OF UPPER RESP  
TRACT. INGEST: LUBRICATING OILS ARE GENERALLY CONSIDERED NO MORE  
THAN SLIGHTLY TOX IF SWALLOWED. SUPPLIER OF ADDITIVE CONTAINING  
CALCIUM PHENATES & ZDDP REPORTS CERTAIN CALCIUM PHENATES &  
ZDDP"...WHEN APPLIED TO SKIN OF MALE RABBITS OVER PERIOD OF TIME,  
ADVERSELY (SUPDAT)

Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY  
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

## First Aid

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MIN WHILE HOLDING EYELIDS  
OPEN. GET MED ATTN. SKIN: REMOVE CONTAMD CLTHG & WIPE EXCESS OFF.  
WASH W/SOAP & WATER OR WATERLESS HAND CLEANER FOLLOWED BY SOAP &  
WATER. IF IRRIT OCCURS, GET MED ATTN. INHAL: MOVE TO FRESH AIR &

PROVIDE OXYGEN IF BRTHG IS DFCLT. GET MED ATTN. INGEST: DO NOT INDUCE VOMIT. GET MED ATTN. NOTE TO MD: IN GEN, EMESIS INDUCTION IS (SUPDAT)

## Fire Fighting

Flash Point Method:PMCC

Flash Point:400F,204C

Extinguishing Media:WATER FOG, FOAM, DRY CHEM OR CO\*2. DO NOT USE DIRECT STREAM OF WATER. PROD WILL FLOAT & CAN BE REIGNIT ON SURF OF WATER.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:MATERIAL WILL NOT BURN UNLESS PREHEATED.

## Accidental Release

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. USE CAUTIOUS JUDGMENT WHEN CLEANING UP LG SPILLS. LG SPILLS: WEAR NIOSH/MSHA APPRVD RESP & PROT CLTHG AS APPROP. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE & CNTN. REMOVE W/VACUUM TRUCKS/PUMP TO(ING 13)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH W/SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, I NCL SHOES, THAT CANNOT BE DECONTAMD.

## Exposure Controls

Respiratory Protection:IF EXPOS MAY/DOES EXCEED OCCUP EXPOS LIMS, USE NIOSH/MSHA APPRVD RESP TO PREVENT OVEREXP. IN ACCORD W/29 CFR 1910.134 USE EITHER NIOSH/MSHA APPRVD ATM-SUPPLYING RESP OR NIOSH/MSHA APPRVD AIR-PURIFYING RESP FOR ORG VAPS & PARTICULATES.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:CHEMICAL RESISTANT (NITRILE) GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:WEAR PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

HAZ DECOMP PRODS: & GASES WILL EVOLVE WHEN MATL UNDERGOES PYROLYSIS/COMBUST. CARBON MONOXIDE & OTHER UNIDENTIFIED ORG CMPDS MAY BE FORMED UPON COMBUST. EFTS OF OVEREXP: AFFECTED SPERMATOGENIC ACTIVITY ." FIRST AID PROC: UNNEC IN HIGH VISCOSITY, LOW VOLATILITY PRODS, I.E., MOST OILS & GREASES.

## Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:0F,-18C

Spec Gravity:0.8899 (H\*20=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK RED LIQUID. SLIGHT HYDROCARBON ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES.

Hazardous Decomposition Products:THERMAL DECOMP PRODS ARE HIGHLY DEPENDENT ON COMBUST CNDTNS. COMPLEX MIX OF AIRBORNE SOLID, LIQ, PARTICULATES (SUPDAT)

## Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS .

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