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Safety Information
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MSDS

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FSC: 9150 NIIN: 01-230-9750 MSDS Date: 08/01/1991 MSDS Num: CGMJX

Submitter: D DG Tech Review: 04/27/1998 Status CD: C

Product ID: 50012 ROTELLA(R)T MULTIGRADE 15W/40 W/XLA MFN: 02

Article: N Kit Part: N

Responsible Party Cage: 54527

Name: SHELL OIL COMPANY

Address: HEALTH, SAFETY AND ENVIRONMENT

Box: 4320

City: HOUSTON

State: TX

Zip: 77210

Country: US

Info Phone Number: 713-241-4819/4141/2252 FAX -6511

Emergency Phone Number: 713-473-9461/800-424-9300(CHEMTREC)

Preparer's Name: G.A. VAN GELDER

Proprietary Ind: N

Review Ind: Y

Published: Y

Special Project CD: N

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Preparer
Co. when other than Responsible Party Co.
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Cage: 54527 Assigned Ind: N

Name: SHELL OIL COMPANY

Address:

Box: 2463

City: HOUSTON

State: TX

Zip: 77210

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Contractor
Summary
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Cage:54527 Name:SHELL OIL COMPANY

Box:2463

City:HOUSTON

State:TX

Zip:77210

Country:US

Phone:800-231-6950

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Description Information
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Item

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Item Manager: S9G

Item Name:

Specification Number: A-A-52306

Type/Grade/Class: 15W/40 GRADE

Unit of Issue: CN

Quantitative Expression: 0000000005GL

UI Container Qty: 1

Type of Container: CAN

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Ingredients
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Cas: 64742-54-7

Code: M

RTECS #: PY8035501

Code: M

Name: SOL REF HYDROTREATED HEAVY PARAFFINIC DIST.

% Text: 40-60

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

Code: M

OSHA
STEL:

Code:

ACGIH TLV: NOT ESTABLISHED

Code: M

ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT Rpt
Qty:

Ozone Depleting Chemical: N

Cas: 64742-57-0

Code: M

RTECS #:

Code: X

Name: SOLVENT REFINED HYDROTREATED RESIDUAL OIL

% Text: 0-10

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

Code: M

OSHA
STEL:

Code:

ACGIH TLV: NOT ESTABLISHED

Code: M

ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT Rpt
Qty:

Ozone Depleting Chemical: N

Cas: 64742-70-7

Code: M

RTECS #: PY8045500

Code: M

Name: SOL. REF. CATALYTIC DEWAXED HEAVY PARAFFINIC DIST.

% Text: 0-10

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

Code: M

OSHA
STEL:

Code:

ACGIH TLV: NOT ESTABLISHED

Code: M

ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT Rpt
Qty:

Ozone Depleting Chemical: N

Cas:

Code: X

RTECS #:

Code: X

Name: POLYMERIC ADDITIVE IN OIL

% Text: 15-20

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

Code: M

OSHA
STEL:

Code:

ACGIH TLV: NOT ESTABLISHED

Code: M

ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT Rpt
Qty:

Ozone Depleting Chemical:

Cas:

Code: X

RTECS #:

Code: X

Name: ADDITIVES PACKAGE CONTAINING ZINC DIALKYL DITHIOPHOSPHATE

% Text: 15-30

Environmental Wt:

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

Code: M

OSHA
STEL:

Code:

ACGIH TLV: NOT ESTABLISHED

Code: M

ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT Rpt
Qty:

Ozone Depleting Chemical:

===== Health
Hazards Data
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LD50 LC50 Mixture ORAL LD50 NOT AVAILABLE

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Health Hazards Acute And Chronic

LUBRICATING OILS ARE GENERALLY CONSIDERED NO MORE THAN MINIMALLY IRRIT TO EYES, NO MORE THAN MILDLY IRRIT TO SKIN, & NO MORE THAN SLIGHTLY TOXIC IF SWALLOWED. Prol/Rep Skin Contact may result in var skin disorders such as derm, folliculitis, oil acne. Inhal: vap (gen @ hi temp only)/oil mist frm prod may result in mild (sign/sym)

Explanation Of Carcinogenicity

PER MSDS: IARC SUFFIC EVIDENCE FOR CARC IN EXP ANIMALS OF USED MOTOR OILS. HNDL PROD/SAF PRECAUT IN MSDS SHOULD BE FOLLOW

Signs And Symptions Of Overexposure

HEALTH: IRRIT OF UPPER RESP TRACT. OVEREXPO: MIN IRRIT TO EYES, MILDLY IRRIT TO SKIN, SLIGHTLY TOXIC IF SWALLOWED. VARIOUS SKIN DISORDERS 0DERM, FOLLICULITIS, OIL ACNE. MILD IRRIT OF UPPER RESPIRATORY TRACT.

Medical Cond Aggravated By Exposure

PRE-EXISTING SKIN & RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid

EYE: FLUSH W/WATER FOR 15MINS WHILE HOLD EYELIDS OPN. GET MED ATTN. SKIN: REMOVE COTNAM CLOTH. WIPE EXCESS OFF. WASH W/ SOAP/WATER/WATERLESS HAND CLEANER FOLLOW BY SOAP/WATER. IRRIT OCCURS GET MED ATTN. INHAL: REMOVE TO FRSH AIR. PROVIDE OXY IF BREATH DIFFI. GET MED ATTN. INGEST: DONT INDUCE VOMIT. IN GEN NO TREAT NECESSARY UNLESS LG QUAN OF PROD INGEST. HOWEVER GET MED ATTN. NOTE TO DR: IN GEN EMESIS (SUPPLEMENT)

Spill Release Procedures

MAY BURN ALTHOU NOT READILY IGNIT. USE CAUT JUDGEMENT WHEN CLEANING UP LG SPILLS. LG-WEAR RESP/PROT CLOTH AS APPROP. SHUT OFF SOURCE W/O RISK. DIKE/CONTAIN. REMOVE W/VAC TRUCKS/PUMP TO STORAE SLAV VESS. SOA KUP RESIDUE W/ABSORBENT (CLAY, SAND, SUITABLE (NEUTR))

Neutralizing Agent

MATL). DISPO PROPERLY. FLUSH AREA W/H2O-REMOVE TRACE RESIDUE. SM-TAKE UP W/ABSORBEN

Waste Disposal Methods

DISPOSE OF PROPERLY. HMIS- FOLLOW ALL APPLICABLE CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions

MIN SKIN CONTACT. STORE IN COOL DRY PLACE W/ADEQUATE VENTI. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPS.

Other Precautions

BE SAFE.READ OUR PRODUCT SAF INGO & PASS IT ON(PROD LIABILITY LAW REQUIRES IT).PROPERLY DISPO OF CONTAM LEATHER ARTICLES INCLUDING SHOES THAT CANT BE DECONTAMINATED.

===== Fire and
Explosion Hazard Information

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Flash Point Method: PMCC

Flash Point:

Flash Point Text: 380F,193C

Autoignition Temp:

Autoignition Temp Text: NP

Lower Limits: N/AVAI

Upper Limits: N/AVAI

Extinguishing Media

USE WAERFOG,FOAM,DRY CHEMICAL,CO2.DONT USE DIRECT STREAM OF WATER.PROD WILL FLOAT,CAN BE REIGNITED ON SURF OF WATER.

Fire Fighting Procedures

MATL WILL NOT BURN UNLESS PREHEATED.DONT ENTER CONFINED FIRE-SPACE W/O FULL BUNKER GEAR(HELMET W/FCSHIELD,BUNKER COAT,GLOVES,RUBB BOOTS)INCLUDE +PRESSURE(SUPPL)

Unusual Fire/Explosion Hazard

NONE SPECIFIED BY MANUFACTURER.

===== Control

Measures

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Respiratory Protection

EXPO MAY/DOES EXCEED OCCUPATIONAL EXPO LIMITS USE NIOSH-APPROV RESPIRATOR TO PREVENT OVEREXPO.IN ACCORD W/29CFR1910.134 USE EITHER ATMOSPHER-SUPP RESPIRATOR OR AIR-PRUIFYING RESP FOR ORGANIC VAPORS & PARTICULATES.

Ventilation

NONE SPECIFIED BY MANUFACTURER.

Protective Gloves

CHEMICAL RESISTANT GLOVES-NITRILE GLOVES

Eye Protection

SAF GOGGLES

Other Protective Equipment

OTHER PROTECTIVE CLOTHING AS REQUIRED TO MIN SKIN CONTACT.

Work Hygienic Practices

WASH W/SOAP/H2O BEF EAT/DRINK/SMOKE/USE TOILET FAC.WASH CONTAM CLOTH BEF REUSE.PROPERLY DISPO CONTAM LEATHER ARTICLES.

Supplemental Safety and Health

1ST AID:INDUCTION UNNECESSARY IN HIGH VISCOSITY,LOW VOLATILITY PRODUCTS,I.E.MOST OILS & GREASES. FIREFIGHT:NIOSH-APPROV SCBA.COOL FIRE EXPO CNTNRS W/WATER. DECOMPO PROD:EVOLVE WHEN MATL UNDERGOES PYROL YSIS/COMBUSTION.CO,HYDROGEN SULFIDE,OTHER UNID ORGANIC CMPDS MAY BE FORMED UPON COMBUSTION.

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Physical/Chemical Properties

HCC: V6

NRC/State LIC No: N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: N/AVAI

Melt/Freeze Pt:

M.P/F.P Text: -25F,-32C

Decomp Temp:

Decomp Text: NP

Vapor Pres: N/AVAI

Vapor Density: N/AVAI

Volatile Org Content %:

Spec Gravity: 0.8844

VOC Pounds/Gallon:

PH: NP

VOC Grams/Liter:

Viscosity: 100CS @40C

Evaporation Rate & Reference: N/AVAI

Solubility in Water: NEGLIGIBLE

Appearance and Odor: DARK AMBER OIL, SLIGHT HYDROCARBON ODOR

Percent Volatiles by Volume: NP

Corrosion Rate: NP

Data

Reactivity

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Stability Indicator: YES

Stability Condition To Avoid: AVOID HEAT, OPEN FLAMES

Materials To Avoid: OXIDIZING MATERIALS

Hazardous Decomposition Products: THERM DECOMPO PROD-HIGHLY DEPENDENT OIN COMBUSTION CONDITIONS.COMPLEX MIX OF AIRBORNE SOLID/LIQ/PARTICULATES/GAS(SUPPLE)

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization NOT APPLICABLE

Toxicological Information

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Toxicological Information:N/P

Ecological Information

Ecological

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Ecological: N/P

Transport Information

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Transport Information:N/P

Regulatory Information

Regulatory

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Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Information

Other

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Other Information: N/P

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