

SOUTHWEST PETRO-CHEM DIV WITCO CHEMICAL CORP -- 306-15 W 40 DIMONYL ENGINE OIL --
9150-01-345-6152

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

Product ID:306-15 W 40 DIMONYL ENGINE OIL

MSDS Date:03/22/1991

FSC:9150

NIIN:01-345-6152

MSDS Number: BLNPH

=== Responsible Party ===

Company Name:SOUTHWEST PETRO-CHEM DIV WITCO CHEMICAL CORP

Address:1400 S HARRISON

Box:1974

City:OLATHE

State:KS

ZIP:66061

Country:US

Info Phone Num:913-782-5800

Emergency Phone Num:913-782-5800

CAGE:70878

=== Contractor Identification ===

Company Name:EXXON CO USA-SOUTHWEST GREASE BUSINESS UNIT

Address:1400 S HARRISON

Box:1974

City:OLATHE

State:KS

ZIP:66061

Country:US

Phone:913-656-3701/800-424-9300(CHEMTREC)

CAGE:70878

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

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK (CAS NO
64742-54-7,64742-65-0,64742-57-0)

Fraction by Wt: >94%

Other REC Limits:NONE

SPECIFIED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingrid Name:ZINC DITHIO DIPHOSPHATE/ZINC DIALKYLDITHIOPHOSPHATE (ZDDP)

CAS:68649-42-3

Fraction by Wt: 179C

Autoignition Temp:Autoignition Temp Text:>500F

Lower Limits:0.9

Upper Limits:7

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM
EXPOSURES.

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:WATER OR FOAM MAY CAUSE FROTHING.
HYDROGEN SULFIDE MAY BE PRODUCED ABOVE 121C.

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

Spill Release Procedures:DIKE & CONTAIN SPILL WITH INERT MATERIAL
(SAND,EARTH,FULLERS EARTH ETC.).TRANSFER LIQUID TO DRUMS OR OTHER
CONTAINERS FOR RECOVERY OR DISPOSAL.AREA MAY BE SLIPPERY.CARE
SHOULD BE TAKEN TO AVOID

FALLS. PREVENT MATERIAL FROM GETTING INTO
SEWERS & WATERS

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-THESE LUBRICANTS BECOME VERY
VISCOUS WHEN STORED AT LOW TEMPERATURE.

Other Precautions:USE PRODUCT WITH CAUTION AROUND OPEN FLAMES, HEAT,
SPARKS, PILOT LIGHTS & STATIC ELECTRICITY. AVOID PROLONGED OR
REPEATED SKIN CONTACT. AVOID BREATHING VAPORS OR MISTS. WASH
THOROUGHLY AFTER

HANDLING OR BEFORE EATING OR DRINKING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATORS IF TLV
EXCEED.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.

Protective Gloves:IMPERVIOUS

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE
RE-USE. DISCARD OIL-SOAKED SHOES.

Supplemental Safety and H

earth

===== Physical/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:>559F,>293C

Vapor Density:NONE

Spec Gravity:0.9

Solubility in Water:NO

Appearance and Odor:PURPLE OIL, LUBE OIL ODOR

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:STABLE BELOW 121C. AVOID HIGH HEAT, OPEN
FLAMES AND OTHER SOURCES OF IGNITI

ON

Hazardous Decomposition Products:HYDROGEN SULFIDE MAY BE FORMED ABOVE
121C.

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

Waste Disposal Methods:DISPOSE OF CONTAMINATED DIKING MATERIAL
ACCORDING TO CURRENT FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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