

SOUTHWESTERN PETROLEUM CORP -- 201 MULTI-PURPOSE GEAR LUBE -- 9150-01-345-6142

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

Product ID:201 MULTI-PURPOSE GEAR LUBE

MSDS Date:04/28/1997

FSC:9150

NIIN:01-345-6142

MSDS Number: BWGNR

=== Responsible Party ===

Company Name:SOUTHWESTERN PETROLEUM CORP

Address:534 N MAIN ST

Box:789

City:FORT WORTH

State:TX

ZIP:76101

Country:US

Info Phone Num:817-332-2336

Emergency

Phone Num:817-332-2336, CHEMTREC 800-424-9300

Chemtrec Ind/Phone:(800)424-9300

CAGE:14392

=== Contractor Identification ===

Company Name:SOUTHWESTERN PETROLEUM CORP

Address:534 N MAIN ST

Box:961005

City:FORT WORTH

State:TX

ZIP:76106

Country:US

Phone:817-348-7235

Contract Num:SP0450-99-M-B270

CAGE:14392

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

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL

CAS:64742-57-0

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BASE STOCK:SOLVENT DEWAXED RESIDUAL OIL (PETROLEUM)
CAS:64742-62-7
Other REC Limits:NONE RECOMMENDED

Ingred Name:BASE STOCK:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED
(MILD), HEAVY PARAFFINIC
CAS:64742-54-7
RTECS #:PY8035500
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:BASE STOCK:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT
DEWAXED (MILD), HEAVY PARAFFINIC
CAS:64742-65-0
RTECS #:PY8038500
Other REC Limits:NONE RECOMMENDED

Ingred Name:BASE STOCK:SOLVENT REFINED, HYDROTREATED LIGHT PARAFFINIC
DISTILLATE
CAS:64742-55-8
RTECS #:PY8036500
Other REC Limits:NONE RECOMMENDED

Ingred Name:BASE STOCK:DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC
CAS:64742-56-9
RTECS #:PY8039500
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:BASE STOCK:MINERAL OIL, SOLVENT-REFINED HEAVY PARAFFINIC,
MILDLY HYDROTREATED
CAS:64741-88-4
RTECS #:PY8040500
Other REC Limits:NONE RECOMMENDED
OSHA
PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES- IRRITATION MAY OCCUR. SKIN-
PROLONGED AND REPEATED CONTACT HAS PRODUCED MILD IRRITATION AND
INFLAMMATION. INGESTION- LOW ORDER OF ACUTE TOXICITY, BUT MINUTE
AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION MAY CAUSE

MILD
TO SEVEREPULMONARY INJURY AND POSSIBLY DEATH. INHALATION- NOT
LIKELY ROUTE OF EXPOSURE.
Explanation of Carcinogenicity:IARC HAS DETERMINED THERE IS SUFFICIENT
EVIDENCE FOR THE CARCINOGENICITY IN EXPERIMENTAL ANIMALS OF USED
MOTOR OIL.
Effects of Overexposure:CHRONIC: PROLONGED AND/OR REPEATED CONTACT WITH
THIS MATERIAL MAY PRODUCE MILD SKIN IRRITATION AND INFLAMMATION.
Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO T
HIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. 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: RELATIVELY
NON-TOXIC UNLESS ASPIRATED INTO LUNGS.

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

Flash Point Method:COC
Flash Point:>354F,>179C
Autoignition Temp:Autoignition Temp Text:>260C
Lower Limits:0.9
Upper Limits:7
Extinguishing Media:USE WATERSPRAY, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZAR
DOUS DECOMPOSITION PRODUCTS AND VAPORS. WATER MAY CAUSE
FROTHING.

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

Spill Release Procedures:CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL
TO ENTER SEWERS OR WATERCOURSES, REMOVE ALL SOURCES OF IGNITION.
ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC.
LARGE SPILLS MAY BE PICKE D UP USING VACUUM PUMPS, SHOVELS,
BUCKETS, ETC.

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

Handling and Storage Precautions:DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME, OR OXIDIZING MATERIALS.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES THAT CAN NOT BE DECONTAMINATED.

===== Exposure Controls/Personal Protection =====
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Respiratory Protection:NIOSH/MSHA-APPROVED RESPIRATORS TO MEET EXPOSURE LIMITS.

Ventilation:ADEQUATE VENTILATION.

Protective Gloves:CHEMICAL RESISTANT GLOVES (NITRILE BEST)

Eye Protection:WEAR CHEMICAL SAFETY GOGGLES OR FACE SHIELD.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING, APRON AND BOOTS AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplementa

I Safety and Health

NONE

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

HCC:V6

Boiling Pt:>293.C, 559.4F

Vapor Density:>5

Spec Gravity:0.9

Solubility in Water:INSOLUBLE

Appearance and Odor:BLUE COLOR, LUBE OIL ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZANTS (AS RELATED TO GENERAL ORGANIC MATERIALS)

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION.

H

azardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED
ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions to Avoid Polymerization:DOES NOT OCCUR.

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR
OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND
FEDERAL LAWS AND REGULATIONS. RECYCLE IF POSSIBLE.

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