

SOUTHWESTERN PETROLEUM CORP -- 201 MULTI-PURPOSE GEAR LUBE -- 9150-01-345-6138  
===== Product Identification =====

Product ID:201 MULTI-PURPOSE GEAR LUBE  
MSDS Date:02/13/1996  
FSC:9150  
NIIN:01-345-6138  
MSDS Number: BRTJH  
=== Responsible Party ===  
Company Name:SOUTHWESTERN PETROLEUM CORP  
Address:534 N MAIN ST  
Box:789  
City:FORT WORTH  
State:TX  
ZIP:76106  
Country:US  
Info Phone Num:817-332-2336  
Emergency  
Phone Num:817-332-2336, CHEMTREC 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  
CAGE:14392

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

Ingred Name:BASE OILS, CONSISTING OF INGREDIENTS 2-8  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL  
CAS:64742-57-0  
Other REC

Limits:NONE RECOMMENDED

Ingred Name:SOLVENT DEWAXED RESIDUAL OIL (PETROLEUM)

CAS:64742-62-7

Other REC Limits:NONE RECOMMENDED

Ingred Name: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:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (MILD),  
HEAVY PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT REFINED, HYDROTREATED LIGHT PARAFFINIC DISTILLATE

CAS:64742-55-8

RTECS #:PY8036500

Other REC Limits:NONE RECOMMENDED

Ingred Name: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:MINERAL OIL, SOLVENT REFINED HEAVY PARAFFINIC, SEVERELY  
HYDROTREATED (NON-CARCINOGENIC - IARC)

CAS:64741-88-4

RTECS #:PY8040501

Other REC Limits:NONE RECOMMENDED

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= Hazards Identification =====

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5MG/M3

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY  
CAUSE MILD IRRITATION AND INFLAMMATION.INGEST:MAY CAUSE GI TRACT  
IRRITATION.ASPIRATION HAZARD.INHAL:UNLIKELY DUE TO LOW VAPOR  
PRESSURE.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE I

IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:SKIN:IRRITATION AND INFLAMMATION.EYES:REDNESS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH  
WITH WATER FOR 15 MINUTES.CALL PHYSICIAN IF REDNESS  
OCCURS.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL

RESPIRATION IF NEEDED.INGEST :DO NOT INDUCE VOMITING.GET PROMPT  
QUALIFIED MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:>354F,>179C

Autoignition Temp:Autoignition Temp Text:>500F

Lower Limits:0.9

Upper Limits:7

Extinguishing Media:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE,FOAM.WATER  
OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.

COOL FIRE EXPOSED CONTAINERS WITH WATER  
FOG.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT  
ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE  
CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE  
SLIPPERINESS.AVOID RUNOFF INTO WATER WAYS.REPORT SPIL LS RESULTING  
IN SHEEN UPON WATER TO 800-424-8802.

Neutralizing Agent:NOT APPL  
ICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED  
PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM  
HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:AVOID SKIN AND EYE CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN  
ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRA

TOR FOR ORGANIC  
VAPORS.

Ventilation:USE GENERAL DILUTION VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY  
SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS  
PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health  
NONE

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

HCC:V6

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

Vapor D

ensity:>5

Spec Gravity:0.9

Solubility in Water:INSOLUBLE

Appearance and Odor:LIQUID;BLUE;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:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE

OF IN ACCORDANCE WITH FEDERAL,STATE AND  
LOCAL REGULATIONS.

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