

SOUTHWESTERN PETROLEUM CORP -- 201 MULTI-PURPOSE GEAR LUBE -- 9150-01-345-6141
===== Product Identification =====

Product ID:201 MULTI-PURPOSE GEAR LUBE
MSDS Date:02/13/1996
FSC:9150
NIIN:01-345-6141
MSDS Number: BNVFL
=== 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:CHEMTREC 800-424-9300
CAGE:14392

=== 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
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:SOLVE

NT REFINED HYDROTREATED RESIDUAL OIL/PETROLEUM
LUBRICATING OIL BASE STOCK. TOTAL PERCENTGE OF INGREDIENTS 1-7: 100
CAS:64742-57-0
Fraction by Wt: SEE ING
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:SOLVENT DEWAXED RESIDUAL OIL (PETROLEUM)
CAS:64742-62-7
Fraction by Wt: SEE # 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED
(MILD), HEAVY PARAFFINIC
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: SEE # 1%
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
Fraction by Wt: SEE # 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:SOLVENT REFINED, HYDROTREATED LIGHT PARAFFINIC DISTILLATE
CAS:64742-55-8
RTECS #:PY8036500
Fraction by Wt: SEE # 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC
CAS:64742-56-9
RTECS #:PY8039500
Fraction by Wt: SEE # 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL, SOLVENT REFINED HEAVY PARAFFINIC, SEVERELY
HYDROTREATED
CAS:64741-88-4
RTECS #:PY8040501
Fraction by Wt: SEE # 1%
Oth

er REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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

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

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN,

GASTROINTESTINAL TRACT. ACUTE- EYE CONTACT MAY CAUSE IRRITATION.

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE MILD IRRITA

TION AND

INFLAMMATION. VAPOR INHALATION UNDER AMBIENT CONDITION IS NORMALLY

NOT A PROBLEM. LOW ORDER OF ORAL TOXICITY; BUT ASPIRATION HAZARD.

CHRONIC- SKIN INFLAMMATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, ABDOMINAL

DISCOMFORT, TEARING, COUGHING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE

CONTAMINATED CLOTHING. WIPE EXCESS OFF. WASH SKIN WITH SOAP &

WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN.

INHALED:MOVE TO FRES H AIR. ORAL:DO NOT INDUCE VOMITING. GETMEDICAL

ATTENTION IMMEDIATELY.

=====
===== 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:USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON

DIOXIDE.

Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPO CONTAINER

COOL.WATERSPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES.

Unusual Fire/Explosion Hazard:WATER OR FOAM MAY CAUSE FROTHING.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. REMOVE SPILL WITH

INERT ABORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER

CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. WASH AREA TO REMOVE TRACE RESIDUE.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM STRONG OXIDIZING AGENTS. KEEP CONTAINER CLOSED.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE. ALL PRECAUTIONS SHOULD BE OBSERVED. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING MISTS/VAPORS. AVOID REPEATED SKIN CONTACT. DO NOT GET IN EYES. DO NOT INGEST.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH APPROVED CHEMICAL CARTRIDGE RESPIRATOR FOR ORGANIC VAPORS AND MISTS. REFER TO 29 CFR 1910.134.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).

Protective Gloves:

NITRILE IF FREQUENT CONTACT EXPECTED

Eye Protection:SAFETY GOGGLES RECOMMENDED

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:V6

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

Melt/Freeze Pt:M.P/F.P Text

t:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:NP

Vapor Density:>5

Spec Gravity:0.9

pH:NA

Evaporation Rate & Reference:NP

Solubility in Water:NO.

Appearance and Odor:LUBE OIL ODOR, BLUE COLOR.

Percent Volatiles by Volume:NONE

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS (AS RELATED TO GENERAL ORGANIC MATERIALS).

Stability Condition to Avoid:HEAT AND IGNITION SOURCES.

Hazardous Decomposition Prod

ucts:A COMPLEX MIXTURE OF AIRBORNE SOLID,
LIQUID, PARTICULATES & GASES WILL EVOVLE. CARBON MONOXIDE & OTHER
COMPD. MAY FORM.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL STATE AND
FEDERAL LAWS. LANDFILL OR INCINERATION IS RECOMMENDED.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United S
tates of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.