

SOUTHWESTERN PETROLEUM CORP -- 201 MULTI-PUROSE GEAR LUBE -- 9150-01-345-6139  
===== Product Identification =====

Product ID:201 MULTI-PUROSE GEAR LUBE  
MSDS Date:04/28/1997  
FSC:9150  
NIIN:01-345-6139  
Status Code:A  
MSDS Number: CJKZR  
=== Responsible Party ===  
Company Name:SOUTHWESTERN PETROLEUM CORP  
Address:534 N MAIN ST  
Box:961005  
City:FORT WORTH  
State:TX  
ZIP:76106  
Country:US  
Info Phone Num:817-348-7235  
Emergency Phone Num:817-348-7235  
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-B257  
CAGE:14392

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

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK  
CAS:64742-57-0  
Code:F  
= Wt:100.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3

(OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)  
ACGIH STEL:10 MG/M3

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK  
CAS:64742-62-7  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)  
ACGIH STEL:10 MG/M3

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK  
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)  
ACGIH STEL:10 MG/M3

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK  
CAS:64742-65-0  
RTECS  
#:PY8038500  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)  
ACGIH STEL:10 MG/M3

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK  
CAS:64742-55-8  
RTECS #:PY8036500  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)  
ACGIH STEL:10 MG/M3

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK  
CAS:64742-56-9  
RTECS #:PY8039500  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)  
ACGIH ST

EL:10 MG/3

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK

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)

ACGIH STEL:10 MG/M3

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

Health Hazards Acute and Chronic:TARGET ORGANS: NOT PROVIDED. ACUTE -  
INHALATION: VAPOR INHALATION UNDER AMBIENT CONDITIONS. IS NORMALLY  
NOT A PROBLEM. EYE CONTACT: IRRITATION MAY OCCUR. SKIN CONTACT:  
PROLONGED A

ND REPEATED CONTACT HAS PRODUCED MILD IRRITATION AND  
INFLAMMATION. INGESTION: LOW ORDER OF ACUTE ORAL TOXICITY, BUT  
MINUTE AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION MAY CAUSE  
MILD TO SEVERE PULMONARY INJURY AND POSSIBLY DEATH. SUMMARY OF  
ACUTE HAZARD: NOT EXPECTED TO PRESENT A SIGNIFICANT HEALTH HAZARD  
UPON SHORT TERM EXPOSURE. SUMMARY OF CHRONIC HAZARD: PROLONGED  
AND/OR REPEATED CONTACT MAY PRODUCE MILD SKIN IRRITATION AND  
INFLAMMATION.

Effects of Overexposure:

IRRITATION, SKIN INFLAMMATION, MILD TO SEVERE  
PULMONARY INJURY AND POSSIBLY DEATH

Medical Condition Aggravated by Exposure:PERSONNEL WITH PRE-EXISTING SKIN  
DISORDERS SHOULD AVOID CONTACT WITH THIS PRODUCT.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING DIFFICULTIES  
PERSIST, OBTAIN MEDICAL ATTENTION. EYE CONTACT: FLUSH WITH WATER  
FOR 15 MINUTES, IF PAIN OR REDNESS PERSISTS, OBTAIN MEDICAL  
ATTENTION.

SKIN CONTACT: WASH WITH SOAP AND WATER AFTER WIPING OFF  
EXCESS MATERIAL. INGESTION: DO NOT INDUCE VOMITING. CALL A  
PHYSICIAN IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:179.C, 354.2F

Autoignition Temp:>260.C, 500.F

Lower Limits:0.9

Upper Limits:7

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE

Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPOSED CONTAINER COOL.  
WATER SPRAY MAY BE USED

ED TO FLUSH SPILLS AWAY FROM EXPOSURES.  
Unusual Fire/Explosion Hazard:WATER OR FOAM MAY CAUSE FROTHING.

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

Spill Release Procedures:USE INERT ABSORBENT MATERIAL TO CONFINE SPILLS  
AND TO ABSORB MATERIAL. SCOOP INTO A DISPOSABLE CONTAINER.

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

Handling and Storage Precautions:NO APPLICABLE INFORMATION FOUND  
Other Precautions:NO APPLICABLE INFORMATION FOUND

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

Respiratory Protection:ADEQUATE VENTILATION OR NIOSH/MSHA APPROVED  
RESPIRATORS TO MEET EXPOSURE LIMITS.  
Ventilation:ADEQUATE VENTILATION  
Protective Gloves:GLOVES  
Eye Protection:GOGGLES OR FACE SHIELD  
Other Protective Equipment:USE GLOVES OR PROTECTIVE CLOTHING TO PROTECT  
SKIN  
Work Hygienic Practices:NONE PROVIDED BY MFR.  
Supplemental Safety and Health  
NONE PROVIDED BY MFR.

===== Physical/Chemical Properties =

HCC:V6  
Boiling Pt:>293.C, 559.4F  
Vapor Density:>5 (AIR=1)  
Spec Gravity:0.9 (WATER=1)  
Solubility in Water:NO  
Appearance and Odor:BLUE COLOR, LUBE OIL ODOR.  
Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIANTS (AS RELATED TO GENERAL ORGANIC MATERIALS)  
Stability Condition to Avoid:HEAT AND IGNITION SOURCES.  
Hazardous Decomposition Products:NONE PROVIDED BY MFR.  
Conditions

to Avoid Polymerization:DOES NOT OCCUR

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

Waste Disposal Methods:LAND FILL OR INCINERATE AS FEDERAL, STATE, AND LOCAL REGULATIONS PERMIT.

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