

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 Cond 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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