

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 STE

L: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

=====
===== 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 AN

D 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.

=====
===== 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. S

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

=====
===== 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 USE

D 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims a
ll 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.