

SOUTHWEST PETRO-CHEM DIV WITCO CHEMICAL CORP -- 201-90 ISO-220 GEAR LUBE --  
9150-01-345-6140

===== Product Identification =====

Product ID:201-90 ISO-220 GEAR LUBE

MSDS Date:03/13/1991

FSC:9150

NIIN:01-345-6140

MSDS Number: BLNNW

=== Responsible Party ===

Company Name:SOUTHWEST PETRO-CHEM DIV WITCO CHEMICAL CORP

Address:1400 S HARRISON

Box:1974

City:OLATHE

State:KS

ZIP:66061

Country:US

Info Phone

Num:913-782-5800

Emergency Phone Num:913-782-5800

CAGE:70878

=== 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

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

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK (CAS NO  
64742-54-7,64742-65-0,64742-57-0)

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYE:MAY CAUSE  
IRRITATION.SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE MILD  
IRRITATION.INHALATION:UNDER AMBIENT CONDITION IS NOT A  
PROBLEM.INGESTION:LOW ORDER OF ACUTE ORAL TOXICITY,BUT MINUTE AMOUN  
TS ASPIRATE  
D INTO THE LUNGS DURING INGESTION MAY CAUSE MILD/SEVERE  
LUNG INJURY/DEATH.CHRONIC-SKIN INFLAMMATION,IRRITANT.  
Explanation of Carcinogenicity:USED OIL MAY CAUSE SKIN CANCER.  
Effects of Overexposure:TARGET ORGANS ARE SKIN, RESPIRATORY TRACT.  
MILDLY IRRITATING TO SKIN. VAPORS GENERATED AT HIGH TEMPERATURES OR  
OIL MIST FROM THIS PRODUCT MAY CAUSE MILD IRRITATION TO THE  
RESPIRATORY TRACT. MAY IRRITA TE THE EYES.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DI  
SORDERS SHOULD AVOID CONTACT WITH THIS PRODUCT.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.GET MEDICAL ATTENTION,IF  
NEEDED.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES HOLDING  
EYELIDS OPEN.GET MEDICAL ATTENTION.SKIN:WASH WITH SOAP AND WATER  
AFTER WIPING OF F EXCESS MATERIAL.INGESTION:DO NOT INDUCE  
VOMITING.GET IMMEDIATE 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:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM  
EXPOSURES.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL  
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:WATER OR FOA

M MAY CAUSE FROTHING.

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

Spill Release Procedures:DIKE & CONTAIN SPILL WITH INERT MATERIAL (SAND,EARTH,FULLERS EARTH ETC.).TRANSFER LIQUID TO DRUMS OR OTHER CONTAINERS FOR RECOVERY OR DISPOSAL.AREA MAY BE SLIPPERY.CARE SHOULD BE TAKEN TO AVOID FALLS. PREVENT MATERIAL FROM GETTING INTO SEWERS & WATERS

Neutralizing Agent:NOT APPLICABLE.

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

Handling a

nd Storage Precautions:STORAGE-THESE LUBRICANTS BECOME VERY VISCOUS WHEN STORED AT LOW TEMPERATURE.

Other Precautions:USE PRODUCT WITH CAUTION AROUND OPEN FLAMES, HEAT, SPARKS, PILOT LIGHTS & STATIC ELECTRICITY. AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID BREATHING VAPORS OR MISTS. WASH THOROUGHLY AFTER HANDLING OR BEFORE EATING OR DRINKING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATORS IF TLV

EXCEED.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.

Protective Gloves:IMPERVIOUS

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE RE-USE. DISCARD OIL-SOAKED SHOES.

Supplemental Safety and Health

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

HCC:V6

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

Vapor Density:>5

Spec Gravity:0.9

Solubility in Water:NO

Appea

rance and Odor:AMBER COLOR OIL, 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, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION

Hazardous Decomposition Products:NO APPLICABLE INFORMATION FOUND.

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

Waste Disposal Methods:DISPOSE OF CONTAMINATED DIKING MATERIAL

ACCORDING TO CURRENT FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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