

QUAKER STATE PIL REFINING CORP -- SUPER QUADROLUBE 75W GEAR LUBRICANT --  
9150-01-035-5391

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

Product ID: SUPER QUADROLUBE 75W GEAR LUBRICANT

MSDS Date: 06/07/1995

FSC: 9150

NIIN: 01-035-5391

MSDS Number: BXYDV

=== Responsible Party ===

Company Name: QUAKER STATE PIL REFINING CORP

Address: 255 ELM ST

Box: 989

City: OIL CITY

State: PA

ZIP: 16301-1412

Country: US

Info Phone Num: 814-676-2726

Emergency Phone Num: 814-676-2726

CAGE: 77493

=== Cont

actor Identification ===

Company Name: AMERICAN INK AND OIL CORP

Address: 33 ENDICOTT STREET

Box: City: NORWOOD

State: MA

ZIP: 02062-3006

Country: US

Phone: 781-762-0026 / FAX: 781-762-1617

CAGE: 82956

Company Name: EMULTEC INDUSTRIAL PRODUCTS INC

Address: 1150 HAYDEN DR SUITE 100

Box: City: CHARROLLTON

State: TX

ZIP: 75006

Country: US

Phone: 972-417-1288

CAGE: 0WA27

Company Name: QUAKER STATE CORPORATION

Address: 255 E JOHN CARPENTER FREEWAY

Box: City: IRVING

State: TX

ZIP: 75062

Country: US

Phone: 800-562-5928

CAGE: 77

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

Ingred Name:MINERAL OIL  
 CAS:64742-53-6  
 RTECS #:PY8036000  
 Fraction by Wt: 60-70%  
 Other REC Limits:5 MG/M3 (OIL MIST)  
 OSHA PEL:5 MG/M3 (OIL MIST)  
 ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL, SOLVENT REFINED HEAVY PARAFFINIC, SEVERELY  
 HYDROTREATED (NON-CARCINOGENIC - IARC)  
 CAS:64741-88-4  
 RTECS #:PY8040501  
 Fraction by Wt: 30-40%  
 Other REC Limits:5 MG/M3 (OIL MIST)

Ingred Name:PHOSPHORODITHOIC ACID, O-O-D1 C1-14  
 -ALKYL ESTERS, ZINC  
 SALTS (2:1) (ZDDP)  
 CAS:68649-42-3  
 Fraction by Wt: 0-1%  
 Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
 Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
 Health Hazards Acute and Chronic:CONTACT MAY CAUSE EYE IRRITATION.  
 PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION OR  
 DERMATITIS. I  
 NHALATION OF HIGH CONCENTRATIONS OF MISTS OR VAPOR MAY  
 CAUSE UPPER RESPIRATORY TRACT IRRITATIO N. INGESTION CAN CAUSE G/I  
 IRRITATION, NAUSEA, VOMITING & DIARRHEA.  
 Explanation of Carcinogenicity:NONE OF THE INGREGREDIENTS PRESENT AT  
 0.1% OR GREATER ARE LISTED BY IARC, NTP, OSHA OR ACGIH AS  
 CARCINOGENS.  
 Effects of Overexposure:EYES:REDNESS, BURNING SENSATION, TEARING.  
 SKIN:IRRITATION, DERMATITIS. INHALED:IRRITATION, DIZZINESS, NAUSEA,  
 HEADACHE, LOSS OF COORDINATION, WEAKNES

S. INGESTED:G/I IRRITATION,  
NAUSEA VOMITING, DIARRH EA.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

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

First Aid:GET MEDICAL ATTENTION FOR ANY EXPOSURE W/SYMPTOMS. EYE:FLUSH  
W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED  
CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. AID  
OR RES TORE BREATHING AS NEEDED. INGESTED:DO NOT INDUCE VOMITING  
UNLESS INSTRUCT  
ED TO DO SO BY A PHYSICIAN. NOTHING BBY MOUTH IF  
UNCONSCIOUS. CALL LOCAL POISON CONTROL CENTER OR GET MEDICAL  
ATTENTION.

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

Flash Point Method:COC

Flash Point:315F,157C

Extinguishing Media:CARBON DIXOIDE OR DRY CHEMICAL FOR SMALL FIRES,  
WATER SPRAY OR FOAM FOR LARGE FIRES

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE-EXPOSED  
CONTAINERS AND AS A PROTECTIVE SCREEN. DO NOT POINT WATER STREAM  
DIRECTLY INT

O BURNING OIL TO AVOID SPREADING.

Unusual Fire/Explosion Hazard:"EMPTY" CONTAINERS RETAIN RESIDUE & CAN  
IGNITE EXPLOSIVELY. DO NOT CUT, DRILL, OR WELD ON OR NEAR FULL OR  
EMPTY CONTAINERS.

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

Spill Release Procedures:ABSORB WITH INERT MATERIALS SUCH AS DRY CLAY,  
SAND, DIATOMACEOUS EARTH, OR RECOVER WITH PUMPS. SCOOP UP USED  
ABSORBENT INTO DRUMS. DO NOT ALLOW INTO PUBLIC DRAINAGE SYSTEM OR  
OPEN WATERWAYS. WEAR A

PPR OPRIATE CLOTHING/EQUIPMENT. ISOLATE AREA.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:STORE AWAY FROM STRONG OXIDIZING  
AGENTS. KEEP CONTAINER TIGHTLY CLOSED & IN A COOL, WELL VENTILATED  
PLACE.

Other Precautions:WASH HANDS AFTER HANDLING & BEFORE EATING. LAUNDER  
WORK CLOTHES FREQUENTLY. AVOID INHALATION & SKIN CONTACT. EMPTY  
DRUMS SHOULD BE DRAINED COMPLETELY, PROPERL

Y BUNGED & PROMPTLY  
RETURNED TO A DRUM REC ONDITIONER OR PROMPTLY DISPOSED OF.

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

Respiratory Protection:USE A PARTICULATE FILTER RESPIRATOR FOR  
PARTIDULATE CONCENTRATIONS EXCEEDING THE OCCUPATIONAL EXPOSURE  
LIMIT.

Ventilation:USE GENERAL VENTILATION AND USE LOCAL EXHAUST WHERE  
POSSIBLE IN CONFINED OR ENCLOSED SPACES.

Protective Gloves:IMPERVIOUS FOR PROLONGED CONTACT.

Eye Protection:CHEMICAL GOGGLES OR FULL FACE  
SHIELD

Other Protective Equipment:USE GOOD HYGIENE WHEN HANDLING PETROLEUM  
PRODUCT.

Work Hygienic Practices:DO NOT GET THIS MATERIAL IN YOUR EYES, ON YOUR  
SKIN OR ON YOUR CLOTHING.

Supplemental Safety and Health  
NONE

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

HCC:V6

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:550F,288C

Spec Gravity:0.87

Viscosity:170 SUS

Solubility in Water:NIL

Appearance and Odor:AMBER LIQUID, BLAND ODOR

Percent Volatiles by Volume:ZERO

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS (CHLORINE, PEROXIDES, STRONG ACIDS)

Stability Condition to Avoid:AVOID EXCESSIVE HEAT, FORMATION OF MISTS.

Hazardous Decomposition Products:AT THERMAL DECOMPOSITION TEMPERATURES,  
CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF SULFUR, NITROGEN, BORON  
& PHOSPHORORUS

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations

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Waste Disposal Methods: MATERIAL, IF DISCARDED, IS NOT EXPECTED TO BE A CHARACTERISTIC WASTE UNDER RCRA. USED OIL CAN BE RETURNED TO A COLLECTION POINT OR PROVIDED TO A LICENSED RECYCLER. ALL WASTES MUST BE HANDLED I/A/W FED ERAL, STATE & LOCAL REGULATIONS.

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