

QUAKER STATE PIL REFINING CORP -- QUAKER STATE DEXRON II/MERCON AUTOMATIC TRANSMISSION FLUID --
9150-00-657-4959

<pre>===== Product Identification =====

Product ID:QUAKER STATE DEXRON II/MERCON AUTOMATIC TRANSMISSION FLUID

MSDS Date:05/01/1988

FSC:9150

NIIN:00-657-4959

=== 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

Preparer's Name:D.W. CRALLEY

CAGE:77493

=== Contractor Identification ===

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:77493

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

Ingred Name:DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC

CAS:64742-56-9

RTECS #:PY8039500

Other REC Limits:NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM

Ingred Name:DETERGENTS, INHIBITORS AND VISCOSITY INDEX IMPROVER

ADDITIVE MIXTURE

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:OIL MIST, MINERAL-TWA 5 MG/M3

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SWALLOWING-NOT EXPCETED TO BE ACUTELY

TOXIC BY INGESTION. INHALATION-NOT EXPCETED TO BE TOXIC BY INHALATION. HOWEVER, BREATHING MINERAL OIL MISTS AT LEVELS ABOVE THE TLV MAY CAUSE RESPIRATORY IRRITATI ON & POSSIBLE DISCOMFORT. SKIN-NOT EXPECTED TO CAUSE SKIN IRRITATION. EYE-MAY CAUSE MINOR TRANSIENT EYE IRRITATION.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:SWALLOWING-MAY CAUSE NAUSEA DN DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SWALLOWING-DO NOT INDUCE VOMITING & CONTACT A PHYSICIAN.

SKIN-WASH SKIN THOROUGHLY WITH SOAP & WATER. LAUNDRER SOILED CLOTHING. INHALATION-IF RESPIRATORY DISCOMFORT OR IRRITATION OCCURE, MOVE PERSON TO FRESH AIR. CONTACT A PHYSICIAN IF

DISCOMFORT OR IRRITATION CONTINUES. EYES-FLUSH WITH WATER FOR 15 MIN. IF IRRITATION CONTINUES, CONTACT A PHYSICIANN

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Fire Fighting Measures
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Flash Point Method:COC

Flash Point:>300F,>149C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
WATER MAY INEFFECTIVE IN FIGHTING AN OIL FIRE UNLESS USED BY EXPERTS.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED SPACE WITHOUT FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST WHEN EXPOSED TO FIRE CONDITIONS.

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Accidental Release Measures
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Spill Release Procedures:CLEAN UP SPILL AS SOON AS POSSIBLE. ABSORB LARGE SPILLS WITH COMMERCIALY AVAILABLE ABSORBENT MATERIALS, SUCH AS ABSORBENT CLAY.

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Handling and Storage
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Handling and Storage Precautions:DO NOT STORE NEAR HIGH HEAT, OPEN FLAMES OR STRONG OXIDIZING AMTERIALS. DO NOT TRANSFER THIS MATERIAL TO UNMARKED CONTAINERS.

Other Precautions:AVOID PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT WITH THIS MATERIAL. SKIN CONTACT CAN BE MINIMIZED BY WEARING IMPERVIOUS PROTECTIVE GLOVES. AS WITH ALL PRODUCTS OF THIS NATURE, GOOD PERSONAL HYGIEN E IS ESSENTAIL.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT APPLICABLE FOR INTENDED USE. HOWEVER, IF UNUSUAL OPERATING CONDITIONS CREATE CONCENTRATIONS IN EXCESS OF THE TLV, AN APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation:NONE NEEDED FOR INTENDED USE. SPECIAL VENTILATION IS NEEDED ONLY IF UNUSUAL OPERATING CONDITIONS CREATE EXPOSURE >TLV.

Protective Gloves:IMPERVIOUS PROTECTIVE GLOVES.

Eye Protection:SAFETY GLASSES OR FACE SHIELD.

Other Protective Equipment:NONE NORMALLY NECESSARY FOR INTENDED USE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE

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Physical/Chemical Properties
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HCC:V6

Boiling Pt:B.P. Text:680F,360C

Spec Gravity:0.94

Solubility in Water:NIL

Appearance and Odor:RED LIQUID WITH SLIGHT HYDROCARBON ODOR.

Percent Volatiles by Volume:NIL

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURES AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON DIOXIDE, WATER VAPOR. MAY PRODUCE OXIDES OF SULPHUR, NITROGEN & PHSOPHORUS. INCOMPLETE COMBUSTION CARBON MONOXIDE

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Disposal Considerations
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Waste Disposal Methods: PLACE CONTAMINATED MATERIAL IN DISPOSABLE CONTAINER AND BURY IN AN APPROVED LANDFILL SITE PER LOCAL, STATE AND FEDERAL REGULATIONS.

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