

QUAKER STATE PIL REFINING CORP -- QUAKER STATE HDX UNIVERSAL FLEET MOTOR OIL --
9150-00-117-8791

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

Product ID:QUAKER STATE HDX UNIVERSAL FLEET MOTOR OIL

MSDS Date:07/01/1990

FSC:9150

NIIN:00-117-8791

MSDS Number: BMPXX

=== 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

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Info Phone Num:814-676-2726

Emergency Phone Num:814-676-2726

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:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS:8012-95-1

RTECS #:PY8030000

> Wt:90.

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3/10

STEL;9192

Ingred Name:ADDITIVE PACKAGE

< Wt:10.

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INGEST-NOT EXPECTED TO BE ACUTELY TOXIC BY INGESTION. INHALE-NOT EXPECTED TO BE TOXIC BY INHALATION. SKIN-MATERIAL EXPECTED TO CAUSE NO MORE THAN MINOR SKIN IRRITATION. EYE-MAY CAUSE MINOR EYE IRRITATION. CHRONIC: NONE KNOWN.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INGEST-MAY CAUSE NAUSEA AND DIARRHEA. INHALE-MAY CAUSE RESPIRATORY IRRITATION AND POSSIBLE DISCOMFORT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST-DO NOT INDUCE VOMITING & CONTACT A PHYSICIAN. SKIN-WASH THOROUGHLY WITH SOAP & WATER. LAUNDRER SOILED CLOTHES. EYE-FLUSH WITH WATER FOR 15 MIN. IF IRRITATION CONTINUES, CONTACT PHYSICIAN. INHALE -INHALATION IS UNLIKELY, IF RESPIRATORYDISCOMFORT OCCURS, MOVE PERSON TO FRESH AIR. CONTACT PHYSICIAN IF IRRITATION CONTINUES.

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

Flash Point Method:COC
Flash Point:=204.4C, 400.F
Extinguishing Media:WATER FOG, CARBON DIOXID E, FOAM, OR DRY CHEMICAL. WATER MAY INEFFECTIVE IN FIGHTING AN OIL FIRE.
Fire Fighting Procedures:FOR SMALL FIRES INVOLVING THIS MATERIAL, NO SPECIAL PROCEDURE OR PRECAUTIONS ARE NECESSARY.
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST WHEN EXPOSED TO FIRE CONDITIONS.

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

Spill Release Procedures:CLEAN UP SPILL AS SOON AS POSSIBLE. ABSORB LARGE SPILL WITH COMMERCIALY AVAILABLE ABSORBENT MATERIAL, SUCH AS

AAABSORBENT CLAY.

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Handling and Storage
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Handling and Storage Precautions:DO NOT STORE NEAR HIGH HEAT OR OPEN FLAMES.

Other Precautions:AVOID PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT WITH THIS MATERIAL.

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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 IN UNUSUAL OPERATING CONDITIONS WHERE THE TLV IS EXCEEDED

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES OR A FACE SHIELD

Other Protective Equipment:NONE NORMALLY NECESSARY FOR INTENDED USE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AS WITH ALL

PRODUCTS OF THIS NATURE, GOOD PERSONAL HYGIENE IS ESSENTIAL.

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Physical/Chemical Properties
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HCC:V6

Spec Gravity: 0.87

Solubility in Water:NIL

Appearance and Odor:DARK LIQUID (THICKNESS DEPEND ON VISCOSITY), 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, OXIDES OF SULFUR, NITROGEN & PHOSPHORUS. INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

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

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

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