



TRACTOR HYDRAULIC FLUIDS

MSDS Number

BLWBS

National Stock Number

9150-00-698-2382

Product Name

TRACTOR HYDRAULIC FLUIDS

Manufacturer

NORTON PETROLEUM CORP

Product Identification

Product ID:TRACTOR HYDRAULIC FLUIDS

MSDS Date:11/14/1989

FSC:9150

NIIN:00-698-2382

MSDS Number: BLWBS

Responsible Party

NORTON PETROLEUM CORP

290 POSSUM PARK RD

NEWARK , DE 19711-3895

US

Emergency Phone: 302-731-8220

Info Phone: 302-731-8220

Preparer: L. SHEATS

Cage: 5X735

Contractor

NORTON PETROLEUM CORP

NEWARK, DE 19711-3895

US

302-731-8220

Cage: 5X735

Ingredients

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS: 64742-54-7

RTECS: PY8035500

Fraction By Weight:

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY

CAS: 64742-65-0

RTECS: PY8038500

Fraction By Weight:

OSHA PEL5 MG/M3 (OIL MIST)



ACGIH TLV: 5 MG/M3 (OIL MIST)

REFINED HEAVY PARAFFINIC DISTILLATES

CAS: 64741-88-4

Fraction By Weight:

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

Hazards

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NO SIGNIFICANT ADVERSE HEALTH EFFECT.
Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.
Effects of Overexposure:NO SIGNIFICANT ADVERSE EFFECTS.
Medical Cond Aggravated by Exposure:NONE.

First Aid

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE VICTIM TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR.

Fire Fighting

Flash Point Method:COC
Flash Point:>154.4C, 310.F
Lower Limits:1
Upper Limits:7
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. DO NOT USE WATER STREAM, IT MAY CAUSE FROTHING AND SPREAD FIRE.

Accidental Release

Spill Release Procedures:REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.
Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.
Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS. EMPTY CONTAINERS MAY CONTAIN EXPLOSIVE VAPORS OR DANGEROUS RESIDUES. DO NOT CUT, PUNCTURE, OR WELD ON OR NEAR CONTAINER. ALL LABELED HAZARDOUS PRECAUTIONS MUST BE OBSERVED.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.
Ventilation:MECHANICAL (GENERAL) VENTILATION OR LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.
Protective Gloves:NONE NORMALLY NEEDED.
Eye Protection:GOGGLES NEEDED IF SPRAYING OR SPLASHING.
Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE



EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
VISCOSITY: 7 CS MINIMUM AT 210F. 7000 CS MAXIMUM AT -40F.

Chemical Properties

HCC:V6
Boiling Pt: =260.C, 500.F
Vapor Pres:1.0
Spec Gravity:0.86-0.93
Viscosity:SEE ADDL.DATA
Solubility in Water:NEGLIGIBLE
Appearance and Odor:LUBE OIL ODOR AND COLOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, ALKALIES, AND OXIDIZERS, SUCH AS LIQUID CHLORINE AND OXYGEN.
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, INCOMPLETELY BURNED CARBON PRODUCTS.

Disposal

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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