

DELTA PETROLEUM CO., INC -- A.T.F. TYPE F -- 9150-00-843-1636

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Product Identification  
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Product ID:A.T.F. TYPE F

MSDS Date:04/23/1990

FSC:9150

NIIN:00-843-1636

MSDS Number: BJKXZ

=== Responsible Party ===

Company Name:DELTA PETROLEUM CO., INC

Box:10397

City:JEFFERSON

State:LA

ZIP:70181-0397

Country:US

Info Phone Num:504-833-2861

Emergency Phone Num:504-833-2861

Preparer's Name:J.R. SWOAP

CAGE:7A348

=== Contractor Identification ===

Company Name:DELTA PETROLEUM CO., INC

Address:10352 RIVER ROAD,

Box:10397

City:ST. ROSE

State:LA

ZIP:70087

Country:US

Phone:504-832-2732

CAGE:7A348

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Composition/Information on Ingredients  
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Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY  
PARAFFINIC

CAS:64742-65-0

RTECS #:PY8038500

Fraction by Wt: 80-95%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ZINC DIALKYLDITHIOPH

OSPHATE  
RTECS #:TD5550000  
Fraction by Wt: 0.1-0.2%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INGESTION: NOT NORMALLY  
EXPECTED TO CAUSE ANY ILL EFFECTS. INHALATION: NO SIGNIFICANT  
ADVERSE HEALTH EFFECTS ARE EXPECTED FOR SHORT TERM EXPOSURE. EYE:  
NOT NORMALLY EXPECTED TO CAUSE ANY I  
LL EF FECTS. SKIN: NOT NORMALLY  
EXPECTED TO CAUSE ANY ILL EFFECTS. CHRONIC: PROLONGED/REPEATED  
CONTACT MAY CAUSE IRRITATION.  
Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT  
SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.  
Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY  
IRRITATION, DERMATITIS AND EYE IRRITATION.  
Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD  
USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.  
GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO  
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.  
EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE  
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF  
UNCONSCIOUS.

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

Flash Point Method:COC  
Flash Point:350F,177C  
Autoignition Temp:Autoignition Temp Text:UNKNON  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCES

SIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:STOP FLOW. WIPE OR MOP UP OR ABSORB WITH  
DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE  
CONTAINER FOR DISPOSAL.

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

Handling and Storage Precautions:AVOID STORAGE NEAR OPEN FLAME OR OTHER  
SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE  
SLIPPERY FLOORS.

PROPER FOOTWEAR REQUIRED.

Other Precautions:WASH HANDS WITH SOAP AND WATER BEFORE EATING,  
DRINKING, OR SMOKING. DO NOT REUSE EMPTY CONTAINERS. CUTTING OR  
WELDING OF CONTAINERS MAY CAUSE FIRE, EXPLOSION OR TOXIC RESIDUE  
FUMES.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

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e Protection:USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. CHEMICALLY  
RESISTANT BOOTS AND APRONS RECOMMENDED.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK  
AREA.

Supplemental Safety and Health

WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED  
CLOTHING AND LAUNDER BEFORE REUSE. DISCARD CONTAMINATED LEATHER  
GLOVES AND SHOES.

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

HCC:V6

Spec Gravity:0.8789

pH:UNKNON

Viscosity:7.1 CST @100C

Appearance and Odor:RED LIQUID WITH PETROLEUM ODOR

Percent Volatiles by Volume:UNKNON

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

Stability Indicator/Materials to Avoid:YES

NONE REPORTED BY MANUFACTURER - STRONG OXIDIZING AGENTS SHOULD BE  
AVOIDED AROUND MOST ORGANIC SUBSTANCES.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLA

MES

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES AND KETONES, COMBUSTION PRODUCTS OF NITROGEN AND SULFUR.

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

Waste Disposal Methods: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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