

PENRECO A DIVISION OF PENNZOIL PRODUCTS -- DRAKEOL 35 MINERAL OIL USP --  
9150-01-307-0287

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

Product ID:DRAKEOL 35 MINERAL OIL USP

MSDS Date:01/20/1994

FSC:9150

NIIN:01-307-0287

MSDS Number: CCKHH

=== Responsible Party ===

Company Name:PENRECO A DIVISION OF PENNZOIL PRODUCTS

Address:4401 PARK AVENUE

City:DICKINSON

State:TX

ZIP:77539

Country:US

Info Phone Num:800-546

-6040

Emergency Phone Num:800-546-6040

CAGE:NO404

=== Contractor Identification ===

Company Name:PENRECO A DIVISION OF PENNZOIL PRODUCTS

Address:4401 PARK AVENUE

Box:City:DICKINSON

State:TX

ZIP:77539

Country:US

Phone:800-546-6040

CAGE:NO404

Company Name:SINGER SEWING CO

Country:US

CAGE:0FHH0

Company Name:THE SINGER CO

Address:8 STAMFORD FORUM

Box:City:STAMFORD

State:CT

ZIP:06904

Country:US

CAGE:77948

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

Ingred Name:MINERAL OIL,

WHITE  
CAS:8042-47-5  
RTECS #:PY8047000  
Fraction by Wt: 100% %  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE CONTACT MAY BE MINIMALLY  
IRRITATING. SKIN CONTACT NOT EXPECTED TO CAUSE IRRITATION.  
INHALATION UNLIKELY UNLESS MIST OCCURS. ASPIRAT  
ION HAZARD.  
INGESTION MAY CAUSE LAXATIVE EFFECTS.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:EYE IRRITATION. CHEMICAL PNUEMONIA, ABDOMINAL  
CRAMPS, DIARRHEA, LIPID GRANULOMA.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15  
MINUTES WHILE HOLDING EYELIDS  
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.  
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL  
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET  
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL  
ATTENTION.

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

Flash Point Method:COC  
Flash Point:420F,216C  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Me

dia:USE DRY CHEMICAL, FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME. CAUTION SHOULD BE EXERCISED WHEN USING WATER OR FOAM AS FROTHING MAY OCCUR

Unusual Fire/Explosion Hazard:DENSE SMOKE MAY BE GENERATED WHILE BURNING, CARBON DIOXIDE, CARBON DIOXIDE AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

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

Spill Release Pr

cedures:NOTIFY APPROPRIATE AUTHORITIES. CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATER COURSES. REMOVE ALL SOURCES OF IGNITION. ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC. COLLECT FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME OR OXIDIZING MATERIAL.

Other Precautions:CONSUMPTION OF FOOD AND BEVERAGE SHOULD BE AVOIDED IN WORK AREAS WHERE HYDROCARBONS ARE PRESENT. ALWAYS WASH HANDS AND FACE WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN

ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:RECOMMENDED FOR LONG-TERM HANDLING.

Eye Protection:IF SPLASHING POSSIBLE, SPLASHPROOF GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP

AP AND WATER

BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:V6

Boiling Pt:B.P. Text:655F,346C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres: < 1

Vapor Density:> 1

Spec Gravity:0.882

Evaporation Rate & Reference:< 1 (EHTYL ETHER=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:TRANSPARENT WATER-WHITE LIQUID, NO ODOR

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== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, OTHER  
OXIDES

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH  
ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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