





MATERIAL SAFETY DATA SHEET FOR FINASOL LF

TOTAL Lubricants USA Southwest  
400 Chisholm Place, Suite 418  
Plano, Texas 75075

TOTAL Lubricants USA, Inc.  
5 N. Stiles Street  
Linden NJ 07036

REVISION DATE  
N/A

DATE ISSUED  
1-June-2009

EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure):  
Prolonged or repeated skin contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.  
Product contacting the eye may cause irritation.  
Product has a low order of oral and dermal toxicity.  
Possible aspiration hazard.  
Induced vomiting may cause aspiration of product into the lungs.  
(See Emergency First Aid Section).

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PHYSICAL DATA  
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The following data are approximate or typical values and should not be used for precise design purposes.

BOILING RANGE:  
ibp 300 F (149 C)

VAPOR PRESSURE:  
0.3 lbs Reid @ 38°C/100°F

SPECIFIC GRAVITY (25°C/25°C):  
(WATER = 1)  
0.76

VAPOR DENSITY (AIR = 1):  
5

MOLECULAR WEIGHT:  
150

PERCENT VOLATILE BY VOLUME:  
Negligible

EVAPORATION RATE @ 1 ATM. AND 25°C  
8 times slower than ethyl ether

SOLUBILITY IN WATER @ 1 ATM. and 25°C  
(77°F): insoluble

POUR, CONGEALING OR MELTING POINT:  
n/e

FREEZING POINT:  
n/e

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REACTIVITY  
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This product is stable and will NOT react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite, etc., as this represents a serious explosion hazard.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:  
Fumes, smoke, carbon monoxide, oxides of sulfur, and other decomposition products, in case of incomplete combustion.

CONDITIONS TO AVOID:  
Open flames

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TOXICITY  
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ORAL (Acute) N/E  
DERMAL (Acute) N/E  
EYE N/E  
INHALATION (Acute) N/E  
CHRONIC, SUBCHRONIC, ETC. N/E

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Medical Conditions Aggravated by Exposure: Unknown  
 This product does NOT contain any ingredients identified as carcinogenic by IARC, NTP, or OSHA.

SARA Section 313 Status: The following chemicals are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and reauthorization act of 1986 and 40 CFR Part 372:

Xylene	CAS 1330-20-7	up to 4 wt%.
Ethylbenzene	CAS 100-41-4	up to 0.5 wt %

**SARA SECTION 311 - HAZARD CATEGORIES:**

This product may meet one or more of the criteria for the hazard categories defined in 40 CFR Part 370 as established by Sections 311 and 312 of SARA as indicated below:

YES	<b>IMMEDIATE (ACUTE) HEALTH HAZARD</b>	NO	<b>SUDDEN RELEASE OF PRESSURE HAZARD</b>
NO	<b>DELAYED (CHRONIC) HEALTH HAZARD</b>	NO	<b>REACTIVE HAZARD</b>
YES	<b>FIRE HAZARD</b>		

**CERCLA HAZARDOUS SUBSTANCES:**

As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance. Reportable quantity for xylene is 100 pounds and for ethylbenzene it is 1000 pounds. (85% xylene, 15% ethylbenzene)

**U.S. TSCA INVENTORY**

All components of this material are listed on the U.S. TSCA Inventory.

**CALIFORNIA PROPOSITION 65**

This product contains the following components for which the State of California has found to cause cancer, birth defects or other reproductive harm: benzene

**NEW JERSEY RIGHT-TO-KNOW LABEL**

Petroleum distillate containing Xylene.

**ADDITIONAL REGULATORY REMARKS**

Volatile Organic compounds (VOC) 100%. This product is NOT exempt from VOC reporting.

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 SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Keep product out of sewers and watercourses by diking or impounding. Absorb with sand or inert material. Sweep or scoop up and remove. Prevent spread of spill. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with local regulations.

WASTE DISPOSAL METHOD: (Consult federal, state, or local authorities for proper disposal procedures.)

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste site or facility.

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 PROTECTION AND PRECAUTIONS  
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VENTILATION: (Always maintain below permissible exposure limits.)

Use local exhaust to capture vapor, mist or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air.

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RESPIRATORY PROTECTION: (Use only NIOSH approved equipment.)  
Normally not needed at ambient temperatures. Use supplied air respiratory protection in confined or enclosed spaces, if needed. Use filter, dust, fume, or mist respirator type under misting conditions. Use can or cartridge; gas or vapor respirator type under conditions exceeding TWA standard.

PROTECTIVE GLOVES:  
Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION:  
Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT:  
Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES/ENGINEERING CONTROLS:  
Keep containers closed when not in use. Do not handle near heat, sparks, flame or strong oxidants.

PERSONAL HYGIENE:  
Minimize breathing vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

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PREPARED BY: Alan Denniston VP PRODUCT MANAGEMENT  
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