

MATERIAL SAFETY DATA SHEET FOR RAILROAD JOURNAL OIL

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

IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: RAILROAD JOURNAL OIL      PRODUCT #: 1-17108  
 CHEMICAL NAME: N/A - Mixture      CAS #'S: Mixture  
 PRODUCT APPEARANCE AND ODOR: Dark amber liquid, petroleum odor      CHEMICAL FAMILY: Petroleum hydrocarbon  
 SYNONYMS: Industrial oil for railroads      EMERGENCY TELEPHONE: 1-800-442-5823 or 1-908-862-9300

COMPONENTS AND HAZARD INFORMATION

COMPONENTS	CAS NO.	%	HAZARD DATA
1) Highly-refined paraffinic petroleum oils	64741-88-4 or 64741-89-5	0-90	*
2) Hydrotreated naphthenic petroleum oils	64742-53-6 or 64742-52-5	0-70	*
3) Proprietary ingredients	Mixture	0-3	
4) Barium compounds	61790-48-5	0-1	
5) Calcium sulfonate	Proprietary	0-1	

\* Not limited to but include these CAS numbers. Hazard data on this petroleum oil is Oral LD 50 >5000, Dermal LD 50 >2000

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

Health      Flammability      Reactivity  
 0                      1                      0

TRANSPORTATION INFORMATION

TRANSPORTATION/SHIPPING INFORMATION:  
 Department of Transportation (DOT): Not regulated

EMERGENCY FIRST AID

EYE CONTACT:  
 If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT:  
 In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water.

INHALATION:  
 Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen if available. If overexposure to oil mist, remove from further exposure until excessive oil mist condition subsides.

INGESTION:  
 If ingested, do not induce vomiting. Call a physician immediately.



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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:  
Wide range

VAPOR PRESSURE:  
< 0.1 @ 25°C

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

VAPOR DENSITY (AIR = 1):  
> 1

MOLECULAR WEIGHT:  
Wide range

PERCENT VOLATILE BY VOLUME:  
Negligible

EVAPORATION RATE @ 1 ATM. AND 25°C  
(77°F) (n-BUTYL ACETATE = 1): <1.0

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

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:  
CO<sub>2</sub>, CO, smoke, fumes, unburned hydrocarbons and trace oxides.

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

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: This material is not known to contain any chemicals on the SARA Section 313 list at a concentration greater than 1.0 percent or carcinogenic chemical on that list at a concentration greater than 0.1 percent.

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

