



SAFETY DATA SHEET

Section 1 – Identification

1.1 Product identifier

Product Name : RAILGARD 940

1.2 Product usage

Recommended Usage : Railroad Engine Oil

1.3 Emergency support

Emergency Support : CHEMTREC
United States +1(800) 424-9300
International +01(703) 527-3887

1.4 Supplier Information

David Weber Oil Co.
601 Industrial Road
Carlstadt, NJ 07072
Manufactured By David Weber Oil Co.

Section 2- Hazards Identification

2.1 GHS Classification

This product is not considered hazardous by the OSHA Hazard Communication Standard (29CFR1910.1200).

Signal Word : Not applicable
GHS Pictogram : Not applicable
Signal Word : Not applicable
Hazard statements : Not applicable
Other Hazard information : Not applicable
Precautionary statement : Not applicable

Section 3 - Composition / Information on Ingredients

This product does not contain ingredients that are hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 4 – First aid Measures

4.1 First aid measures

Eyes	: Check for and remove any contact lenses. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin	: In case of contact, immediately flush skin with plenty of soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.
Inhalation	: Move exposed person to fresh air.
Ingestion	: First aid is normally not required. Get medical attention if discomfort develops.
Note to Physicians	: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5 – Fire Fighting

5.1 Extinguishing Media

Suitable Extinguishing Media	: Use dry chemical, CO ₂ , water spray (FOG) or foam
Unsuitable Extinguishing Media	: Avoid solid water stream as it may scatter and spread fire.
Specific Hazards Arising from Chemical	: Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.
Protective Equipment and Precautions for Firefighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.2 Environmental Precautions

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas

Section 7 - Handling & Storage

7.1 Handling Procedures

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist.

7.2 Shipping and Storage

Keep container tightly closed in a dry place. Keep away from heat. Protect from light. Keep in properly labeled containers. Keep out of the reach of children.

Incompatibilities : Oxidizing Agents

Section 8 - Exposure Control

8.1 United States Exposure Limits

When mists/aerosols can occur the following are recommended: 5 mg/m³ - ACGIH TLV (inhalable fraction), 5 mg/m³ - OSHA PEL.

8.2 Engineering Controls

Material should be handled in enclosed vessels and equipment only if aerosolized and/or misted. Use only in adequate ventilation if this occurs. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.3 Exposure Controls / personal Protection

Eye/Face Protection	: Safety glasses
Skin Protection	: Normal work gloves are appropriate
Respiratory Protection	: No special requirements under ordinary conditions of use and with adequate ventilation.
General Hygiene	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Section 9 - Physical & Chemical Properties

9.1 Information On Basic Physical and Chemical Properties

Physical state	: Liquid
Odor	: Mild
Odor threshold	: Not Available
pH	: Not Available
Freezing Point	: Not Available
Boiling Point	: Not Available
Flash Point	: 450
Evaporation rate	: Not Available
Flammability	: No Data Available
Vapor pressure	: 0
Vapor density	: Not Available
Relative Density	: 7.4
Water Soluble	: No
Partition Coefficient	: No Data Available
Auto ignition Temperature	: No Data Available
Decomposition Temperature	: No Data Available
Viscosity	: 137 (40 degrees mm2/s)

Section 10 - Stability & Reactivity

10.1 Material Analysis

Reactivity	: Polymerization will not occur
Chemical stability	: Stable under normal conditions.
Possibility of hazardous Reactions	: None, under normal processing.

10.2 Material Analysis

Conditions to avoid	: High temperatures, flames, sparks
Incompatible materials	: Strong acids and oxidizing materials
Hazardous decomposition products	: Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

Section 11- Toxicological Information

Acute Exposure

Respiratory Irritation

: Not expected to pose respiratory irritation. An inhalation hazard may only arise if product is aerosolized or if heated up. If material is misted or vapors are released from heating, exposure may cause irritation of mucous membranes and upper respiratory tract. Based on data from similar materials.

Eye Irritation

: Not expected to cause irritation under normal use.

Skin Irritation

: Not expected to cause irritation under normal use.

Sensitization

: Not expected to cause skin or respiratory sensitization.

Aspiration Hazard

: Not expected to pose an aspiration hazard if swallowed.

Chronic Exposure

Target Organ Effects

: No data available to indicate product or components at greater than 1% are chronic health hazards.

Carcinogenicity

: No data available to indicate product or any components present at greater than .1% are carcinogenic.

Mutagenicity

: No data available to indicate product or any components present at greater than .1% are mutagenic or genotoxic.

Reproductive Toxicity

: No data available to indicate either product or components present at greater than .1% that may cause reproductive toxicity.

Teratogenicity

: No data available to indicate product or any components contained at greater than .1% may cause birth defects.

Analysis - LDSO | LCSO

Inhalation LCSO Rat : >20mg/L 4h

Oral LDSO Rat : >5000mg/kg

Dermal LDSO Rabbit : >2000mg/kg

Section 12 - Ecological Information

Component Analysis- Ecotoxicity - Aquatic Life

Duration/Test/Species

Concentration/Conditions

96 hr LC50

Not available mg/L

Pirnephales promelas

Persistence & Degradability

: Not Available

Bioaccumulation Potential

: Not Available

Soil Mobility

: Not Available

Other Adverse Effects

: Not Available

Section 13 - Disposal Considerations

Disposal Instructions

: The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

Section – 14 Transportation Information

	UN Number	Shipping Name (technical name)	Hazard Class	Packing group	Labels/Placard
U.S. DOT Bulk (over 119 gallons)		Not regulated			
U.S. DOT Non-Bulk		Not regulated			
IATA		Not regulated			
IMDG		Not regulated			

Section 15 - Regulatory Information

SARA Extremely Hazardous Substances (Sections 302 & 304) : This product does not contain greater than 1% of any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA Section 313 : This product contains the following components in concentrations greater than 0.1% for carcinogenic substances and/or 1.0% of the substances 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:

SARA Section 311 & 312 Classifications	Acute Hazard	No
	Chronic Hazard	No
	Fire Hazard Reactivity Hazard	No

CERCLA : This product contains the following components listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4:

California Prop 65 : This product is not routinely tested to determine chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components.

California Air Resource Board (CARB) Bin Number : 15

Global Chemical Inventories Inventory

US TSCA	Present
EU	Present
Japan	Not available
Australia	Present
New Zealand	Not available
Canada	Present
Switzerland	Not available
Korea	Present
Philippines	Present
China	Present
Taiwan	Not available

Section 16 - Other Information

US NFPA Ratings

Health	Fire	Reactivity
0	1	0
0	1	0

Revision Date 22/05/2015

Revision Reason New SDS

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.