

# SAFETY DATA SHEET

O1740  
Freiborne Oil 1740

Mar 16, 2015

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## SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

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**Product ID :** O1740  
**Product Name :** Freiborne Oil 1740  
**Revision Date :** Mar 16, 2015 **Date Printed :** Jul 28, 2015  
**Version:** 1.1 **Supersedes Date :** N.A.  
**Manufacturer's Name :** Freiborne Industries, Inc  
**Address :** 15 W. Silverdome Industrial Park Pontiac, MI, US, 48342  
**Emergency Phone :** 800-424-9300  
**Information Phone :** 248-333-2490  
**Fax :**  
**Product/Recommended Uses:** Corrosion Inhibitor

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## SECTION 2) HAZARDS IDENTIFICATION

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### Classification:

Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3  
Aspiration Hazard - Category 1  
Skin Irritation - Category 2  
Chronic aquatic toxicity - Category 2  
Acute aquatic toxicity - Category 2

### Pictograms:



### Signal Word:

Danger

### Hazardous Statements - Health:

H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H336 - May cause drowsiness or dizziness

### Hazardous Statements - Environmental:

H401 - Toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

### Precautionary Statements - General:

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.

### Precautionary Statements - Prevention:

P273 - Avoid release to the environment.  
P264 - Wash ? thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 - Use only outdoors or in a well-ventilated area.

P233 - Keep container tightly closed.

**Precautionary Statements - Response:**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/?

P331 - Do NOT induce vomiting.

P391 - Collect spillage.

P302 + P352 - IF ON SKIN: Wash with plenty of water/?

P321 - Specific treatment (see ? on this label).

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing. And wash it before reuse.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 - Call a POISON CENTER/doctor/... if you feel unwell.

**Precautionary Statements - Storage:**

P405 - Store locked up.

P403 + P405 - Store in a well-ventilated place. Store locked up.

**Precautionary Statements - Disposal:**

P501 - Dispose of contents/container to ?

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**SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS**

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CAS	Chemical Name	% by Weight
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	26% - 54%
0064742-52-5	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	19% - 41%
0064742-46-7	MINERAL SEAL OIL	16% - 34%
0008002-74-2	PARAFFIN WAX FUME	4% - 6%

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**SECTION 4) FIRST-AID MESURES**

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**Inhalation:**

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.

**Skin Contact:**

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

**Eye Contact:**

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

**Ingestion:**

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor/. If vomiting occurs naturally, lie on your side, in the recovery position.

Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

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**SECTION 5) FIRE-FIGHTING MEASURES**

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**Suitable Extinguishing Media:**

Dry Chemical

Alcohol Foam

Carbon Dioxide

**Unsuitable Extinguishing Media:**

Water may be ineffective but can be used to cool containers exposed to heat or flame.

Water spray may also be used to control vapors.

**Fire-fighting Procedures:**

As in any fire, wear self-contained breathing apparatus and full protective gear.

**Specific Hazards in Case of Fire:**

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion.

**Special Protective Actions:**

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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**SECTION 6) ACCIDENTAL RELEASE MEASURES**

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**Recommended Equipment:**

Use protective gloves, boots, goggles or face shield, and clothing. Avoid contact with skin and eyes.

**Personal Precautions:**

Avoid breathing vapor. Avoid contact with skin, eye or clothing.

**Emergency Procedure:**

Flammable/combustible material. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stay upwind; keep out of low areas. Immediately turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for proper disposal.

**Environmental Precautions:**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

**Methods and Materials for Containment and Cleaning up:**

Remove all sources of ignition.

Contain large spills with dikes and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with a suitable absorbent and then place in a corrosion resistant chemical waste container. Do not allow spillage into sewers, streams or storm conduits.

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**SECTION 7) HANDLING AND STORAGE**

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**General:**

- Wash hands after use.
- Do not get in eyes, on skin or on clothing.
- Do not breathe vapors or mists.
- Use good personal hygiene practices.
- Eating, drinking and smoking in work areas is prohibited.
- Remove contaminated clothing and protective equipment before entering eating areas.

**Ventilation Requirements:**

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

**Storage Room Requirements:**

- Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.
- Do not cut, drill, grind, weld, or perform similar operations on or near containers. Do not pressurize containers to empty them. Ground all structures, transfer containers and equipment to conform to the national electrical code. Use procedures that prevent static electrical sparks. Static electricity may accumulate and create a fire hazard.

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**SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Eye Protection:**

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

**Skin Protection:**

Wear gloves, long sleeved shirt, long pants and other protective clothing as required to minimize skin contact.

Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization.

**Respiratory Protection:**

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.

**Appropriate Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA-Tables-Z1,2,3	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
ISOPARAFFINIC PETROLEUM DISTILLATE	500	2000			1							
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	500	2000			1							
MINERAL SEAL OIL	500	2000			1							
PARAFFIN WAX FUME									2			

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
ISOPARAFFINIC PETROLEUM DISTILLATE				
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC				
MINERAL SEAL OIL				
PARAFFIN WAX FUME		2		

**SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

Density	7.09365 lb/gal
% Solids By Weight	100.00000%
Density VOC	0.00000 lb/gal
% VOC	0.00000%
VOC Actual	0.00000 lb/gal
VOC Actual	0.00000 g/l

Appearance	Transparent Amber liquid with solvent odor
Odor Threshold	N.A
Odor Description	Solvent odor
pH	8 - 10.5
Water Solubility	Limited solubility
Flammability	Flash Point at or above 200 °F
Flash Point Symbol	N.A

Flash Point	220 °F
Viscosity	N.A
Lower Explosion Level	N.A
Upper Explosion Level	N.A
Vapor Pressure	5 inHg
Vapor Density	Not Determined
Freezing Point	-30 °C
Melting Point	N.A
Low Boiling Point	100
High Boiling Point	N.A
Auto Ignition Temp	N.A
Decomposition Pt	0
Evaporation Rate	Same as water
Coefficient Water/Oil	N.A.

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## SECTION 10) STABILITY AND REACTIVITY

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### **Stability:**

Stable at ambient and operating temperatures.

### **Conditions to Avoid:**

Keep away from flam, heat (200°F maximum) and strong oxidizing agents.

### **Hazardous Reactions/Polymerization:**

No hazardous reactions under normal handling/processing

### **Incompatible Materials:**

Strong Oxidizers

### **Hazardous Decomposition Products:**

Carbon monoxide, carbon dioxide & Sulfur Dioxide.

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## SECTION 11) TOXICOLOGICAL INFORMATION

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### **Skin Corrosion/Irritation:**

Causes skin irritation

### **Carcinogenicity:**

No Data Available

### **Serious Eye Damage/Irritation:**

No Data Available

### **Respiratory/Skin Sensitization:**

No Data Available

### **Germ Cell Mutagenicity:**

No Data Available

### **Reproductive Toxicity:**

No Data Available

### **Specific Target Organ Toxicity - Single Exposure:**

May cause drowsiness or dizziness

### **Specific Target Organ Toxicity - Repeated Exposure:**

No Data Available

### **Aspiration Hazard:**

May be fatal if swallowed and enters airways

### **Acute Toxicity:**

No Data Available

LD50 (Rodent - rat, Oral) : >5000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.

LD50 (Rodent - rabbit, Administration onto the skin) : >2000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.

## SECTION 12) ECOLOGICAL INFORMATION

### Toxicity:

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

### Bio-accumulative Potential

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Contains constituents with the potential to bio accumulate.

0064742-52-5 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC

Contains constituents with the potential to bioaccumulate.

### Mobility in Soil

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

0064742-52-5 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC

Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

### Persistence and Degradability

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

## SECTION 13) DISPOSAL CONSIDERATIONS

### Waste Disposal:

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

## SECTION 14) TRANSPORT INFORMATION

### U.S. DOT Information:

Refer to Bill of Lading

## SECTION 15) REGULATORY INFORMATION

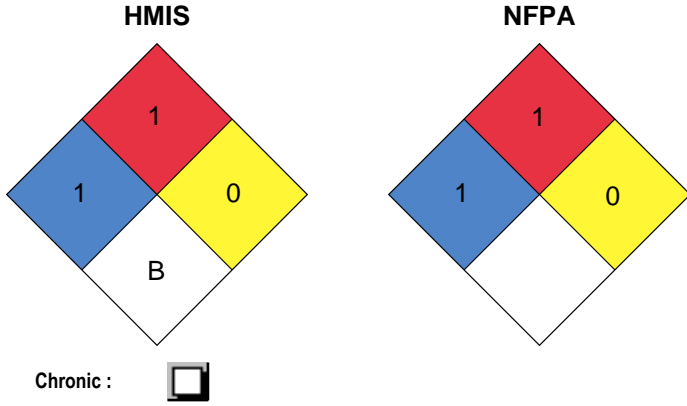
CAS	Chemical Name	% By Weight	Regulation List
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0064742-52-5	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	19% - 41%	SARA312,TSCA
0064742-46-7	MINERAL SEAL OIL	16% - 34%	SARA312,TSCA
0008002-74-2	PARAFFIN WAX FUME	4% - 6%	SARA312,TSCA

## SECTION 16) OTHER INFORMATION

### OTHER INFORMATION:

**GLOSSARY:**

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.



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