

# Material Safety Data Sheet

Material Name: Marine Oil

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

**Product Use:** Penetrating rust inhibitor - Paint conditioner

### Manufacturer Information

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## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

May cause eye, skin and gastrointestinal irritation.

### Potential Health Effects: Eyes

Can cause severe eye irritation.

### Potential Health Effects: Skin

Prolonged or repeated contact with the product may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

### Potential Health Effects: Ingestion

Slightly toxic. Can cause varying degrees of harm to the lungs. Based on relative experimental data on products with similar structure.

### Potential Health Effects: Inhalation

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as: Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system. Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

### HMIS Ratings: Health: 1 Fire: 2 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
64742-82-1	Naphtha, petroleum, hydrodesulfurized heavy	>40
67746-08-1	Linseed oil, polymerized	>25
64742-48-9	Naphtha (petroleum), hydrotreated heavy	>11
136-52-7	Hexanoic acid, 2-ethyl-, cobalt(2+) salt	>0.1

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Wash thoroughly with soft clean water for 15 minutes holding the eyelids open. Refer to an ophthalmologist in particular if there is any redness, pain or visual impairment.

### First Aid: Skin

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognized cleaner. DO NOT use solvents or thinners.

### First Aid: Ingestion

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital.

### First Aid: Inhalation

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

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None

## **Hazardous Combustion Products**

Not Determined

## **Extinguishing Media**

CO2, extinguishing powder or pulverized water.

## **Fire Fighting Equipment/Instructions**

Firefighters should wear full protective gear.

**NFPA Ratings:** Health: 1 Fire: 2 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## **\*\*\* Section 6 - Accidental Release Measures \*\*\***

### **Containment Procedures**

Prevent any material from entering drains or waterways. Avoid any contact with the skin and eyes.

### **Clean-Up Procedures**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13). If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

### **Evacuation Procedures**

Isolate area. Keep unnecessary personnel away.

### **Special Procedures**

None

## **\*\*\* Section 7 - Handling and Storage \*\*\***

### **Handling Procedures**

Handle in well-ventilated areas. Prevent use in areas with flames and other ignition sources. Use appropriate electric appliances. Large storage tanks should be earthed. Keep containers tightly closed. Observe precautions stated on label and also industrial safety regulations. Avoid contact of product with the skin and eyes. Packages which have been opened must be reclosed carefully and stored in an upright position. Never open the packages under pressure. Smoking, eating and drinking are prohibited in premises where the product is used.

### **Storage Procedures**

Keep the container tightly closed in a dry place. The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area. Do not keep in plastic containers - may soften plastic. Part used containers must be properly closed and kept in upright position. Store between +5°C and +30°C in a dry, well ventilated place.

## **\*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\***

### **A: Component Exposure Limits**

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### **Engineering Controls**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

### **PERSONAL PROTECTIVE EQUIPMENT**

#### **Personal Protective Equipment: Eyes/Face**

Wear chemical goggles; face shield (if splashing is possible).

#### **Personal Protective Equipment: Skin**

Use impervious gloves.

#### **Personal Protective Equipment: Respiratory**

If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

#### **Personal Protective Equipment: General**

Eye wash fountain and emergency showers are recommended.

## **\*\*\* Section 9 - Physical & Chemical Properties \*\*\***

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**Appearance:** Amber  
**Physical State:** Fluid liquid  
**Vapor Pressure:** Below 110 kPa (1.10 bar).  
**Boiling Point:** 200 °C.  
**Solubility (H2O):** Insoluble  
**Evaporation Rate:** ND  
**Viscosity:** 68s +/-10 (n°3 - ISO2431)  
**Octanol/H2O Coeff.:** ND  
**Flash Point Method:** ND

**Odor:** None  
**pH:** NA  
**Vapor Density:** >1  
**Melting Point:** ND  
**Specific Gravity:** <1  
**VOC:** 488.2 g/l  
**Percent Volatile:** <56  
**Flash Point:** > 60°C  
**Upper Flammability Limit (UFL):** ND  
**Burning Rate:** ND

**Lower Flammability Limit (LFL):** ND  
**Auto Ignition:** ND

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Chemical Stability: Conditions to Avoid

Keep away from corrosive agents such as strong acids or alkalines to avoid possible leakage or self combustion.  
Always stock in its original packaging. Do not transfer in another package.

### Incompatibility

Acids and oxidizing agents.

### Hazardous Decomposition

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

### Possibility of Hazardous Reactions

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - LD50/LC50

**Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)**

Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >3160 mg/kg

**Naphtha (petroleum), hydrotreated heavy (64742-48-9)**

Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >3160 mg/kg

### Carcinogenicity

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity

#### A: General Product Information

Do not allow this product to penetrate the ground water, waters or the drains.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

**Naphtha, petroleum, hydrodesulfurized heavy (64742-82-1)**

##### Test & Species

96 Hr LC50 Chaetogammarus  
marinus

##### Conditions

2.6 mg/L

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Naphtha (petroleum), hydrotreated heavy (64742-48-9)

## Test & Species

96 Hr LC50 Pimephales promelas 2200 mg/L  
96 Hr LC50 Chaetogammarus marinus 2.6 mg/L

## Conditions

### \*\*\* Section 13 - Disposal Considerations \*\*\*

#### US EPA Waste Number & Descriptions

#### Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

#### Disposal Instructions

Waste must be handled in accordance with all federal, state, provincial, and local regulations.  
See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### \*\*\* Section 14 - Transportation Information \*\*\*

#### US DOT Information

Shipping Name: Not Regulated

#### TDG Information

Shipping Name: Not Regulated

### \*\*\* Section 15 - Regulatory Information \*\*\*

#### US Federal Regulations

#### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

#### State Regulations

#### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

#### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

#### Additional Regulatory Information

#### Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Naphtha, petroleum, hydrodesulfurized heavy	64742-82-1	Yes	DSL	EINECS
Linseed oil, polymerized	67746-08-1	Yes	DSL	No
Naphtha (petroleum), hydrotreated heavy	64742-48-9	Yes	DSL	EINECS
Hexanoic acid, 2-ethyl-, cobalt(2+) salt	136-52-7	Yes	DSL	EINECS

### \*\*\* Section 16 - Other Information \*\*\*

#### Other Information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

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## Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.