

# StictionRx

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations



### SECTION 1: IDENTIFICATION OF PRODUCT/COMPANY/SUPPLIER

#### 1.1 Product identifiers

Product name: StictionRx

#### 1.2 Relevant identified uses of the product and restrictions on use

Recommended uses: Lubricating Oil Additive

Restrictions on use: For Industrial and Professional Use

#### 1.3 Details of the supplier of the safety data sheet

Company name: Opti-Lube Inc.  
Address: 1646 W Business Park Drive, Suite B  
City/State/Zip: Orem, UT 84058, USA  
Website: [www.opti-lube.com](http://www.opti-lube.com)  
Phone number: 801-491-3717

#### 1.4 Emergency response number

Hazmat Line: +1 656 208 0809

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 GHS Hazard classification/statements according to [29 CFR 1910.1200](#) (OSHA):

Reproductive Toxicity, Category 2: H361 – Suspected of damaging fertility or the unborn child.

#### 2.2 GHS Label Elements according to [29 CFR 1910.1200](#) (OSHA):

Pictogram:



Signal word: Warning

#### 2.3 GHS Precautionary Statements according to [29 CFR 1910.1200](#) (OSHA):

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P281: Use personal protective equipment as required.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P405: Store locked up.

P501: Dispose of contents/container to an approved waste disposal plant.

#### 2.4 Other Hazards

None known.

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable.

#### 3.2 Mixtures

| Chemical Name                          | CAS Number  | Concentration |
|--|-------------|---------------|
| Highly refined mineral oil (C15 - C50) | Proprietary | 45-50%        |
| Borate dispersion                      | 20786-60-1  | 45-50%        |

\*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of First Aid Measures

**If Inhaled:** No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

**If Swallowed:** No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.

**Eye contact:** No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

**Skin contact:** No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

#### 4.2 Most important symptoms and effects, both acute and delayed

May cause adverse reproductive effects.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable methods:** Use water fog, foam, dry chemical, or carbon dioxide (CO<sub>2</sub>) to extinguish.

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### 5.2 Specific hazards arising from the substance/mixture

During a fire, gases hazardous to health may be formed.

### 5.3 Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. In case of fire and/or explosion, do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment, and emergency procedures

Observe all relevant local and international regulations. Eliminate all sources of ignition in vicinity of spilled material. Keep out unnecessary and unprotected personnel. Persons entering the contaminated area to correct the problem or to determine whether it is safe to resume normal activities must comply with all instructions in the Exposure Controls/Personal Protection section.

### 6.2 Environmental precautions

Avoid release to the environment.

### 6.3 Methods and materials for containment and cleaning up

Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety instructions have been read and understood. Do not handle, store, or open near open flames, sources of heat, or sources of ignition. Protect material from direct sunlight. When using, do not smoke. The maximum handling temperature is 60°C. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

### 7.2 Conditions for safe storage, including any compatibilities

Store locked up. The maximum short-term (<2 week(s)) storage temperature is 60°C. The maximum long-term (>2 week(s)) storage temperature is 40°C.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Exposure Controls

**Occupational exposure limit values:** Not established.

**Engineering controls:** Use general ventilation, local exhaust ventilation, or a combination of both.

#### 8.2 Personal Protective Equipment



**Hand protection:** Wear appropriate chemical-resistant gloves.

**Eye/Face protection:** Wear safety glasses with side shields (or goggles) and a face shield.

**Skin and body protection:** Wear suitable protective clothing.

**Respiratory protection:** In case of insufficient ventilation, wear respiratory protection.

**Hygiene measures:** When using, do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

|   |                         |
|---|-------------------------|
| <b>Appearance:</b>                                | Liquid                  |
| <b>Color:</b>                                     | Brown                   |
| <b>Odor:</b>                                      | Petroleum odor          |
| <b>Odor Threshold:</b>                            | Not determined          |
| <b>pH</b>   | Not determined          |
| <b>Melting Point:</b>                             | Not determined          |
| <b>Boiling Point:</b>                             | Not determined          |
| <b>Flash Point:</b>                               | 170 °C (338 °F)         |
| <b>Auto-ignition Temperature:</b>                 | Not determined          |
| <b>Upper/Lower Explosive Limits:</b>              | Not determined          |
| <b>Vapor Pressure:</b>                            | Not determined          |
| <b>Evaporation Rate:</b>                          | Not determined          |
| <b>Flammability (Solid, Gas):</b>                 | Not determined          |
| <b>Specific Gravity:</b>                          | Not determined          |
| <b>Relative Density:</b>                          | 1.13 kg/l @ 15°C (59°F) |
| <b>Solubility in Water:</b>                       | Not determined          |
| <b>Partition Coefficient (n-octanol / water):</b> | Not determined          |
| <b>Decomposition Temperature:</b>                 | Not determined          |
| <b>Viscosity</b>                                  | 100 cSt @ 40°C (104°F)  |

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### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

#### 10.2 Chemical stability

This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

#### 10.3 Possibility of Hazardous Reactions

No dangerous reactions known under conditions of normal use.

#### 10.4 Conditions to avoid

Do not heat above flash point.

#### 10.5 Incompatible materials

Not applicable.

#### 10.6 Hazardous decomposition products

Hazardous polymerization will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

**Acute toxicity:** Not classified based on available information.

**Skin corrosion/irritation:** Not classified based on available information.

**Serious eye damage/irritation:** Not classified based on available information.

**Respiratory/Skin sensitization:** Not classified based on available information.

**Germ cell mutagenicity:** No data is available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity:** The material is not considered a carcinogen.

**Reproductive toxicity:** This material is suspected of damaging fertility or the unborn child.

**Specific target organ toxicity - single exposure:** Not classified based on available information.

**Specific target organ toxicity - repeated exposure:** Not classified based on available information.

**Aspiration hazard:** Not classified based on available information.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity

This material is not expected to be harmful to aquatic organisms. Product has not been tested. Statement is based on data available for the individual components.

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### 12.2 Persistence and Degradability

This material is not expected to be readily biodegradable.

### 12.3 Bioaccumulative potential

Bioconcentration Factor: No data available.

### 12.4 Mobility in soil

The product is insoluble in water.

### 12.5 Other adverse effects

No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

**Waste Disposal:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Dispose of in accordance with all Local, State, and Federal regulations.

**Contaminated Packaging:** Since emptied containers may retain product residues, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 Transport information

**UN Number:** Not regulated as hazardous material for transport.

**UN Proper Shipping Name:** Not regulated as hazardous material for transport.

**Transport Hazard Class:** Not regulated as hazardous material for transport.

**Packing Group:** Not regulated as hazardous material for transport.

**Marine Pollutant:** NO

**Special precautions for users:** No data available.

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health, and environment regulations/legislation specific for substance or mixture

**US Federal Regulations:** This product contains hazardous components as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Toxic Substance Control Act (TSCA) Inventory:** All substances in this product are either listed or are exempt from listing on the TSCA Inventory.

**Comprehensive Response Compensation and Liability Act (CERCLA):** Not regulated.

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**SARA 302/304 Emergency Planning & Notification:** Not regulated.

**SARA 311/312 Hazard:** See Section 2 of this SDS for GHS hazards associated with this product.

**SARA 313 (TRI Reporting):** Not regulated.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:** Not regulated.

**Clean Water Act (CWA) 311:** Not regulated.

### **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):**

This product will expose you to chemicals known to the State of California to cause birth defects or reproductive harm. For more information go to [\(Proposition 65 List of Chemicals\)](#).

## **SECTION 16: OTHER INFORMATION**

### **16.1 General information**

**Revision Date:** 2-Mar-2026

**Previous Revision:** 2-Oct-2020

**Version number:** 2.0

**National Fire Protection Association (NFPA) Rating:**



### **16.2 Full Text of Abbreviations**

CAS – Chemical Abstract Service

GHS – Globally Harmonized System

CFR – Code of Federal Regulations

OSHA – Occupational Safety and Health Administration

NIOSH – The National Institute for Occupational Safety and Health

ACGIH – American Conference of Governmental Industrial Hygienists

UN – United Nations

TRI – Toxic Release Inventory

SARA – Superfunds Amendments and Reauthorization Act

SDS – Safety Data Sheet

### **16.3 Disclaimer**

The information on this SDS is based on data which is considered to be accurate. Opti-Lube Inc., however, makes no guarantees or warranty, either expressed or implied of the accuracy or completeness of this information. The conditions or methods of handling, storage, use and disposal of the products are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This SDS was prepared and is to be used for this product. If the product is used as a component in another product, this SDS information may not be applicable.