

# Safety Data Sheet

## TRUEGARD 324 SOLUBLE OIL

According to OSHA Hazard Communication Standard,  
29 CFR 1910.1200 Effective Date 04/01/2018



### SECTION 1

### MATERIAL AND COMPANY IDENTIFICATION

**Material Name:** TRUEGARD 324 SOLUBLE OIL

**Recommended Use:** Lubricant

**Restrictions on Use:** It is against federal law to use this product inconsistent with its labeling.

**Information Phone:** 773-247-7606

**Emergency Phone:** Poison Control Center: Consult local telephone directory for emergency number(s).

**Supplied by:**

**KELLER-HEARTT OIL**  
4411 South Tripp Ave.  
Chicago, IL 60632  
P. 773-247-7606 F. 773-247-7969  
[www.kellerheartt.com](http://www.kellerheartt.com)

### SECTION 2

### HAZARDS IDENTIFICATION

**OSHA Status** Hazardous

#### GHS HAZARD CLASS

**Physical Hazards** Not classified

**Health Hazards** Acute Toxicity – Category 5  
Serious Eye Damage/Eye Irritation – Category 2B  
Skin Corrosion/Irritation – Category 3

**Environmental Hazards** Not classified

**GHS Symbol/Pictogram**

**Signal Word** Warning

**Hazard Statements** May Be Harmful If Swallowed Or Inhaled  
Causes Eye Irritation  
Causes Mild Skin Irritation

**Precautionary Statements**  
**Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
Do not eat, drink or smoke when using this product  
Avoid breathing dust, fumes, gas, mist, vapors, spray  
Wash thoroughly after handling  
Wear protective gloves, protective clothing, eye protection, face protection

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<b>Response</b>	IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician Do not induce vomiting IF ON SKIN: Wash with plenty of water IF ON SKIN (or hair): Remove all contaminated clothing. Rinse skin with water If skin irritation occurs, get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing Call a POISON CENTER/doctor/physician if you feel unwell Specific treatment (see first aid section) In case of fire: Use foam, CO2, dry chemical
<b>Storage</b>	Store in a well ventilated place. Keep container closed when not in use Keep cool Store in a secure location
<b>Disposal</b>	Dispose of contents/container in accordance with local/state/federal regulations Avoid release to the environment

### SECTION 3

### COMPOSITION/INFORMATION ON INGREDIENTS

Substance \_\_\_\_\_ Mixture  X

Chemical Name	CAS#	%
Highly Refined Petroleum Oils *	64742-52-5 64742-54-7	70-90%
Sulfonic Acids, Sodium Salt	68608-26-4	10-20%

\* Hazardous only if misted

### SECTION 4

### FIRST AID MEASURES

#### Description Of Necessary First Aid Measures

##### Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention.

##### Skin Contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

##### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected gas or vapor is still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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### Ingestion

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## SECTION 5

## FIRE FIGHTING MEASURES

### Extinguishing Media

#### Suitable

Foam, CO2, dry chemicals, water fog or mist.

#### Unsuitable

Do not use water jet.

### Specific Hazards

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

### Hazardous Decomposition Products

Oxides of carbon, sulfur.

### Special Precautions – Fire Fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Move containers from fire area if it can be done without risk. No action shall be taken involving any personal risk or without suitable training.

### Special Protective Equipment – Fire Fighters

Wear positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

## SECTION 6

## ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment And Emergency Procedures

#### For Non-Emergency Personnel

Take no action involving personal risk without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Floors may be slippery, use care to avoid falling.

#### For Emergency Responders

If specialized clothing is required to deal with the spillage, take note of any information in Section VIII on suitable and unsuitable materials. See also the information in “For Non-Emergency Personnel”.

#### Environmental Precautions

Avoid dispersal of spilled products and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product causes environmental pollution.

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### Methods And Materials For Containment And Cleaning Up

#### Small Spill

Stop leak if without risk. Eliminate ignition sources. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### Large Spill

Stop leak if without risk. Eliminate ignition sources. Move containers from spill area. Prevent entry into sewers, waterways, basements or confined areas. Contain and collect spillage with noncombustible, absorbent material and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

## SECTION 7

## HANDLING AND STORAGE

### Precautions For Safe Handling

#### Protective Measures

Put on appropriate personal protective equipment (See Section VIII). Do not swallow. Avoid contact with eyes, skin, clothing. Avoid breathing vapor and mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container. Always bond receiving containers to the fill pipe before and during loading. Always confirm receiving container is properly grounded.

#### Advice On General Occupational Hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section VIII for additional information on hygiene measures.

#### Conditions For Safe Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section X) and food and drink. Keep away from heat, sparks and open flame. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

#### Ingredient Name

#### Exposure Limits

Highly Refined Petroleum Oil \*

ACGIH TLV-TWA	5 mg/m <sup>3</sup> As Mist; 8 Hours
NIOSH STEL	10 mg/m <sup>3</sup> As Mist
NIOSH TWA	5 mg/m <sup>3</sup> As Mist
OSHA PEL-Ceiling	5 mg/m <sup>3</sup> As Mist

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### Environmental Exposure Controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, vapor controls, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.

### Hygiene Measures

Wash hands, forearms and face thoroughly after handling chemical products and before eating, smoking or using the lavatory as well as at the end of the work period. Wash contaminated clothing before reusing.

### Respiratory Protection

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits.

### Eye Protection

Safety glasses equipped with side shields in conjunction with a face shield are recommended in industrial settings.

### Skin Protection

Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

## SECTION 9

## PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

**Physical State** Liquid  
**Color** Amber concentrate; White emulsion

**Odor** Mild oil  
**Odor Threshold** Not available

**Ph** 8.6 @ 5%  
**Freezing Point** 0 F  
**(Pour Point)**

**Initial Boiling Point** 600 F+  
**Boiling Range** 600 F+

**Drop Point** Not applicable  
**Flash Point** > 390 F

**Evaporation Rate** <1 (butyl acetate = 1)  
**Explosive Limits**  
**Upper** Not available  
**Lower** Not available

**Vapor Pressure** Not available  
**Vapor Density** Heavier than air

**Specific Gravity** 0.9  
**Density** 7.5 Pounds/gallon

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<b>Solubility</b>	Emulsifies in water
<b>Auto Ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Volatile Organic Compounds</b>	Exempt (LVP)

### SECTION 10

### STABILITY AND REACTIVITY

#### Reactivity

Not expected to be Explosive, Self-Responsive, Self-Heating, or an Organic Peroxide under US GHS definitions

#### Chemical Stability

This product is stable under normal conditions.

#### Possibility Of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

#### Conditions To Avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

#### Incompatible Materials

Reactive or incompatible with the following materials: Oxidizing materials.

#### Hazardous Decomposition Products

Oxides of carbon and sulfur.

### SECTION 11

### TOXICOLOGICAL INFORMATION

**Primary Routes Of Exposure:** Eye contact, Ingestion, Inhalation, Skin contact

**Acute Toxicity Values:** Not acutely toxic

#### Information On Toxicological Effects - Effects Of Overexposure

<b>Inhalation</b>	Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression).
<b>Skin Contact</b>	Concentrate causes mild skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
<b>Eye Contact</b>	Concentrate causes eye irritation. May cause tearing, redness and discomfort.

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<b>Ingestion</b>	This material may be harmful or fatal if swallowed or if liquid is aspirated into lungs. Ingestion may cause gastrointestinal tract irritation. Can be readily absorbed by the stomach and intestinal tract. Symptoms include burning sensation of the mouth and esophagus, nausea, vomiting, diarrhea, dizziness, staggering gait, drowsiness, loss of consciousness and delirium as well as other central nervous system effects.
<b>Chronic Hazards</b>	Not available.
<b>Sensitization</b>	
<b>Respiratory</b>	Not classified
<b>Skin Sensitization</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Non-mutagenic based on Modified Ames Assay
<b>Carcinogenicity</b>	This product is not listed as a carcinogen by IARC, OSHA, NTP.
<b>Fertility Effects</b>	Contains no ingredient listed as toxic to reproduction.
<b>Specific Target Organ Toxicity</b>	
<b>Single Exposure</b>	Not classified
<b>Repeated Exposure</b>	Not classified
<b>Aspiration Hazard</b>	Not classified

## SECTION 12

## ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available
<b>Persistence &amp; Degradability</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Mobility In Soil</b>	Not available
<b>Other Adverse Effects</b>	No known significant effects or critical hazards.

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### SECTION 13

### DISPOSAL CONSIDERATIONS

#### Disposal Methods

Waste generation should be avoided or minimized wherever possible. Dispose of in accordance with federal, state, and local regulations. After the container has been emptied, it may contain hazardous residues. Avoid sparks and open flame. Do not cut, puncture, or weld on or near the container. Do not reuse the container for any purpose until properly reconditioned.

#### RCRA Classification

Non-Hazardous waste

### SECTION 14

### TRANSPORT INFORMATION

#### DOT

UN#	Not regulated *
Description	Petroleum Oil, nos
Transport Hazard class	Not regulated
Packing Group	Not regulated

\* DOT Regulated Only In Bulk Quantities

### SECTION 15

### REGULATORY INFORMATION

TSCA Inventory : All product ingredients are listed on the chemical inventory

US OSHA - Status : Hazardous

SARA Section 302 – Emergency Planning : No listing

#### Chemical Reporting:

SARA 304 Release : No Established RQ/TPQ  
SARA 313 : No Listing  
CERCLA Release : No Established RQ

#### SARA Section 311/312

Physical Hazard : No  
Health Hazard : No

#### Clean Air Act

Ozone Depleting Compounds : No listing  
Section 112 (r) , TQ : No listing  
Hazardous Air Pollutants : No listing



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### SECTION 16

### OTHER INFORMATION

The above mentioned information is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of these data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume responsibility for the results of its use. This information is furnished on the condition the person receiving it shall make his own determination as to the suitability of the material for his particular use and on the condition he assume the risk of his use thereof.

#### HMIS HAZARD CLASS:

Health	1 (Slight)
Fire	1 (Slight)
Reactivity	0 (Least)
Personal Protection	B