

# Safety Data Sheet

## Lemon Oil Furniture Polish

SDS Revision Date:

05/18/2015

### 1. Identification

#### 1.1. Product identifier

**Product Identity**

Lemon Oil Furniture Polish

**Alternate Names**

Lemon Oil Furniture Polish

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use**

See Technical Data Sheet.

**Application Method**

See Technical Data Sheet.

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

**Company Name**

Howard Products, Inc.

560 Linne Road

Paso Robles, CA 93446

**Emergency**

**CHEMTREC (USA)**

(800) 424-9300

**Customer Service: Howard Products, Inc.**

EMERGENCY PHONE: 1-805-227-1000

FAX PHONE: 1-805-227-1007

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

No applicable GHS categories.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

**[Prevention]:**

No GHS prevention statements

**[Response]:**

No GHS response statements

**[Storage]:**

No GHS storage statements

**[Disposal]:**

No GHS disposal statements

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

# Safety Data Sheet

## Lemon Oil Furniture Polish

SDS Revision Date:

05/18/2015

| Ingredient/Chemical Designations                                                   | Weight % | GHS Classification | Notes |
|------------------------------------------------------------------------------------|----------|--------------------|-------|
| Distillates (petroleum), hydrotreated heavy paraffinic<br>CAS Number: 0064742-54-7 | 75 - 100 | Asp. Tox. 1;H304   | [1]   |
| Petroleum distillates, hydrotreated light<br>CAS Number: 0064742-47-8              | 10 - 25  | Asp. Tox. 1;H304   | [1]   |
| Lemon oil<br>CAS Number: 0008008-56-8                                              | 1.0 - 10 | Flam. Liq. 3;H226  | [1]   |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

|                   |                                                                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>    | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.                                                                                                        |
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.    |
| <b>Eyes</b>       | Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. |
| <b>Skin</b>       | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.                                                                                                                              |
| <b>Ingestion</b>  | If victim is conscious and alert, give 2-4 cupfuls of milk or water. DO NOT INDUCE VOMITING.                                                                                                                                           |

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

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Overview</b> | <p>Inhalation hazard, only if dust is created. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.</p> <p>Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.</p> |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

Use media appropriate for surrounding area.

# Safety Data Sheet

## Lemon Oil Furniture Polish

SDS Revision Date:

05/18/2015

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

### 5.3. Advice for fire-fighters

Not Applicable

ERG Guide No. ----

## 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Wipe up with cloth or sponge.

## 7. Handling and storage

### 7.1. Precautions for safe handling

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry place.

Incompatible materials: Strong oxidizing agents and acids.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

| CAS No.      | Ingredient                                | Source   | Value                |
|--------------|-------------------------------------------|----------|----------------------|
| 0008008-56-8 | Lemon oil                                 | OSHA     | No Established Limit |
|              |                                           | ACGIH    | No Established Limit |
|              |                                           | NIOSH    | No Established Limit |
|              |                                           | Supplier | No Established Limit |
| 0064742-47-8 | Petroleum distillates, hydrotreated light | OSHA     | No Established Limit |
|              |                                           | ACGIH    | No Established Limit |

# Safety Data Sheet

## Lemon Oil Furniture Polish

SDS Revision Date:

05/18/2015

|              |                                                        |          |                         |
|--------------|--------------------------------------------------------|----------|-------------------------|
|              |                                                        | NIOSH    | No Established Limit    |
|              |                                                        | Supplier | Recommended 300 ppm PEL |
| 0064742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | OSHA     | No Established Limit    |
|              |                                                        | ACGIH    | No Established Limit    |
|              |                                                        | NIOSH    | No Established Limit    |
|              |                                                        | Supplier | No Established Limit    |

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 10 mg/m<sup>3</sup> ACGIH.

### Carcinogen Data

| CAS No.      | Ingredient                                             | Source | Value                                                              |
|--------------|--------------------------------------------------------|--------|--------------------------------------------------------------------|
| 0008008-56-8 | Lemon oil                                              | OSHA   | Select Carcinogen: No                                              |
|              |                                                        | NTP    | Known: No; Suspected: No                                           |
|              |                                                        | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0064742-47-8 | Petroleum distillates, hydrotreated light              | OSHA   | Select Carcinogen: No                                              |
|              |                                                        | NTP    | Known: No; Suspected: No                                           |
|              |                                                        | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0064742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | OSHA   | Select Carcinogen: No                                              |
|              |                                                        | NTP    | Known: No; Suspected: No                                           |
|              |                                                        | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

### 8.2. Exposure controls

#### Respiratory

Dust mask

#### Eyes

Safety glasses with side shields

#### Skin

Not Applicable

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

#### Appearance

Clear Yellow Liquid

#### Odor

Orange

#### Odor threshold

Not Available

#### pH

Not available

#### Melting point / freezing point

Not available

#### Initial boiling point and boiling range

>400 F (> 204.44 C)

#### Flash Point

326 F (163.33 C) Tag Closed Cap

# Safety Data Sheet

## Lemon Oil Furniture Polish

SDS Revision Date:

05/18/2015

Evaporation rate (Ether = 1)

Flammability (solid, gas)

Not Applicable

Upper/lower flammability or explosive limits

**Lower Explosive Limit:** Not available

**Upper Explosive Limit:** Not available

Vapor pressure (Pa)

Not available

Vapor Density

Not available

Specific Gravity

0.86

Solubility in Water

Not Measured

Partition coefficient n-octanol/water (Log Kow)

Not Measured

Auto-ignition temperature

Not available

Decomposition temperature

Not available

Viscosity (cSt)

Not available

% Volatile

Not Available

### 9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Excessive heat and open flame.

### 10.5. Incompatible materials

Strong oxidizing agents and acids.

### 10.6. Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## 11. Toxicological information

### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

# Safety Data Sheet

## Lemon Oil Furniture Polish

SDS Revision Date:

05/18/2015

| Ingredient                                                            | Oral LD50, mg/kg               | Skin LD50, mg/kg  | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|-----------------------------------------------------------------------|--------------------------------|-------------------|---------------------------------|-------------------------------------|--------------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic - (64742-54-7) | > 5,000.00, Rat - Category: NA | No data available | No data available               | No data available                   | No data available        |
| Petroleum distillates, hydrotreated light - (64742-47-8)              | > 5,000.00, Rat - Category: NA | No data available | No data available               | No data available                   | No data available        |
| Lemon oil - (8008-56-8)                                               | 5,000.00, Rat - Category: 5    | No data available | No data available               | 13.00, Rat - Category: 4            | No data available        |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification                | Category | Hazard Description |
|-------------------------------|----------|--------------------|
| Acute toxicity (oral)         | ---      | Not Applicable     |
| Acute toxicity (dermal)       | ---      | Not Applicable     |
| Acute toxicity (inhalation)   | ---      | Not Applicable     |
| Skin corrosion/irritation     | ---      | Not Applicable     |
| Serious eye damage/irritation | ---      | Not Applicable     |
| Respiratory sensitization     | ---      | Not Applicable     |
| Skin sensitization            | ---      | Not Applicable     |
| Germ cell mutagenicity        | ---      | Not Applicable     |
| Carcinogenicity               | ---      | Not Applicable     |
| Reproductive toxicity         | ---      | Not Applicable     |
| STOT-single exposure          | ---      | Not Applicable     |
| STOT-repeated exposure        | ---      | Not Applicable     |
| Aspiration hazard             | ---      | Not Applicable     |

## 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

| Ingredient                                                            | 96 hr LC50 fish, mg/l         | 48 hr EC50 crustacea, mg/l          | ErC50 algae, mg/l |
|-----------------------------------------------------------------------|-------------------------------|-------------------------------------|-------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic - (64742-54-7) | 5,000.00, Oncorhynchus mykiss | 1,000.00, Daphnia magna             | Not Available     |
| Petroleum distillates, hydrotreated light - (64742-47-8)              | 45.00, Pimephales promelas    | 4,720.00, Dendronereides heteropoda | Not Available     |
| Lemon oil - (8008-56-8)                                               | Not Available                 | Not Available                       | Not Available     |

# Safety Data Sheet

## Lemon Oil Furniture Polish

SDS Revision Date:

05/18/2015

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

#### Ecotoxicity:

The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

|                                    | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation)                 | ICAO/IATA                 |
|------------------------------------|---------------------------------------|---------------------------------------------------|---------------------------|
| 14.1. UN number                    | Not Applicable                        | Not Regulated                                     | Not Regulated             |
| 14.2. UN proper shipping name      | Not Regulated                         | Not Regulated                                     | Not Regulated             |
| 14.3. Transport hazard class(es)   | DOT Hazard Class: Not Applicable      | IMDG: Not Applicable<br>Sub Class: Not Applicable | Air Class: Not Applicable |
| 14.4. Packing group                | Not Applicable                        | Not Applicable                                    | Not Applicable            |
| 14.5. Environmental hazards        |                                       |                                                   |                           |
| IMDG                               | Marine Pollutant: No                  |                                                   |                           |
| 14.6. Special precautions for user | No further information                |                                                   |                           |

## 15. Regulatory information

|                                     |                                                                                                                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Regulatory Overview                 | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |
| Toxic Substance Control Act ( TSCA) | All components of this material are either listed or exempt from listing on the TSCA Inventory.                   |

# Safety Data Sheet

## Lemon Oil Furniture Polish

SDS Revision Date:

05/18/2015

WHMIS Classification Not Regulated

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): No

Delayed (Chronic): No

### EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### New Jersey RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Pennsylvania RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H304 May be fatal if swallowed and enters airways.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments.

# **Safety Data Sheet**

## **Lemon Oil Furniture Polish**

**SDS Revision Date:**

**05/18/2015**

No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

End of Document