



## Safety Data Sheet

Supersedes: 04/22/11

Prepared: 02/17/15

### Section 1 - Product and Company Identification

#### Product Identifier

**Product Name** Orange Oil

#### Other means of identification

**Synonyms** None

#### Recommended use of the chemical and restrictions on use

**Recommended Use** Polishing oil for wood

**Uses advised against** No information available

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

**Manufacturer** Holloway House, Inc  
309 Business Park Drive  
Fortville, IN 46040

**Emergency Telephone:** Inside United States: (800) 255-3924  
Outside United States: (813) 248-0585

### Section 2 - Hazards Identification

#### Classification

This product is considered hazardous per the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**GHS Classification:** Aspiration Toxicity (Category 1)

GHS Classification Scale (1 = severe hazard; 4 = slight hazard)

#### GHS Label Elements including precautionary statements

**Signal Word:** Danger

**Pictogram:**



**Hazard Statement(s):**

H304 - May be fatal if swallowed and enters airways.

**Precautionary Statement(s): Prevention**

- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P280 - Wear protective gloves/protective clothing / eye protection / face protection.

**Response**

- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P301 + P331 - IF SWALLOWED: Do NOT induce vomiting.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.

**Storage**

- P404 - Store in a closed container.

**Disposal**

- P501 - Dispose of contents/ container by any method in accordance with local, state and federal laws and regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose into storm drain, stream, river or other waterways.

**Hazards not otherwise classified (HNOC)**

Not Applicable

**Unknown Toxicity**

0% of this mixture consists of ingredient(s) of unknown toxicity

**Other Information**

**Normal Household Use:** Health injuries are not known or expected under normal use as directed.

**Route(s) of Entry:** Eye, Skin contact, Ingestion.

**Hazardous Materials Identification System (HMIS):**

**HMIS Ratings:**

- Least = 0
- Slight = 1
- Moderate = 2
- High = 3
- Extreme = 4

- Health 2
- Flammability 1
- Reactivity 0
- Equipment B

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

<b><u>Chemical Name</u></b>	<b><u>CAS No.</u></b>	<b><u>%WT</u></b>	<b><u>Trade Secret</u></b>
White mineral oil (petroleum)	8042-47-5	> 98	*
d-Limonene	5989-27-5	< 0.5	*

\* = The exact percentage (concentration) of composition has been withheld as a trade secret

## Section 4 - First Aid Measures

### First Aid Measures

Skin Contact	Wash exposed skin areas with soap and water. Get medical attention if irritation develops and persists.
Eye Contact	Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention if irritation develops and persists.
Inhalation	Get to fresh air. If breathing difficulty should occur, seek medical attention immediately.
Ingestion	Do not induce vomiting. Drink 2-3 glasses of water. Seek medical attention immediately.

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

May be fatal if swallowed and enters airways.  
Delayed symptoms may include: nausea and/or vomiting

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

Do not induce vomiting. Treat symptomatically

## Section 5 - Fire Fighting Measures

### Suitable Extinguishing Media

Water fog , dry chemical, carbon dioxide (CO<sub>2</sub>)

### Unsuitable Extinguishing Media

Do not use a water jet.

### Specific Hazards Arising from the Chemical

In a fire or if heated, a pressure increase will occur and the container may burst.  
Burning can produce oxides of carbon and soot.

### Protective equipment and precautions for firefighters

Wear MSHS/NIOSH approved self-contained breathing apparatus and full protective gear when fighting fires involving this product.

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Floors will become slippery. Avoid walking in product.

#### **Environmental Precautions**

Prevent entry into waterways and sewers.

### Methods and materials for containment and cleaning up

If possible, turn leaking container to prevent further liquid from escaping.  
Contain spill with absorbent material using dry earth, sand or other inert non-combustible absorbent material and place into waste containers for later disposal.

## Section 7 - Handling And Storage:

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

Store in a cool dry area in a closed container.

### **Incompatible Products**

No specific data

**KEEP OUT OF THE REACH OF CHILDREN**

## Section 8 - Exposure Controls / Personal Protection

### Control Parameters

Exposure Limits/standards

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL
White mineral oil (petroleum) 8042-47-5	TWA: 5 mg/m <sup>3</sup> 8 hrs Form: Inhalable fraction	TWA: 5 mg/m <sup>3</sup> 8 hrs.	TWA: 5mg/m <sup>3</sup> 10 hrs. Form: Mist STEL: 10mg/m <sup>3</sup> 15 minutes. Form: Mist
d-Limonene 5989-27-5	TWA: 20 ppm 8 hrs.	-	-

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value

TWA - Time Weighted Average

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits

STEL - Short Term Exposure Limit

NIOSH REL: National Institute of Occupational Safety and Health - Recommended Exposure Limits

### Appropriate Engineering Controls

Good ventilation should be sufficient to control exposure to airborne contaminants.

### Individual Protection Measures, such as Personal Protective Equipment (PPE)

<b>Respiratory Protection</b>	No special requirements
<b>Ventilation</b>	Normal ventilation.
<b>Protective Gloves</b>	Rubber, Neoprene, Plastic not necessary, but recommended for prolonged contact.
<b>Eye Protection</b>	Safety glasses or eye goggles not necessary, but recommended for prolonged contact.
<b>Other Protection</b>	None
<b>Hygienic Practices</b>	Wash thoroughly after handling

## Section 9 - Physical and Chemical Properties

### Physical and Chemical Properties

**Appearance** (physical state / color) Clear, Orange Liquid  
**Odor** Orange Citrus

<b>Odor Threshold</b>	No information available
<b>pH</b>	Not Applicable
<b>Melting point / Freezing point</b>	No information available
<b>Initial boiling point / boiling range</b>	> 400°F
<b>Flash Point</b>	No information available
<b>Evaporation Rate: (n-butyl acetate =1)</b>	< 1
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit</b>	No information available
<b>Lower flammability limit</b>	No information available
<b>Vapor Pressure (mmHg)</b>	< 0.1
<b>Vapor Density (Air = 1)</b>	> 1.0
<b>Specific Gravity</b>	0.87
<b>Relative Density (lbs./gal.)</b>	7.25
<b>Solubility In Water</b>	Insoluble
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Viscosity</b>	No information available
 <b><u>Other Information</u></b>	 No information available

**Section 10 - Stability and Reactivity**

<b><u>Reactivity</u></b>	No information available
<b><u>Chemical Stability</u></b>	Stable under recommended storage conditions.
<b><u>Possibility of hazardous reactions</u></b>	None with normal use
<b>Hazardous Polymerization</b>	Does not occur
<b><u>Conditions to avoid</u></b>	No specific data
<b><u>Incompatible materials</u></b>	No specific data
<b><u>Hazardous Decomposition Products</u></b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Burning can produce oxides of carbon and soot.

**Section 11 - Toxicological Information**

**Information on likely routes of exposure**

<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Eye contact</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	May cause skin dryness, irritation and/or defatting of the skin with prolonged contact.
<b>Ingestion</b>	May be fatal if swallowed and enters airways.

**Aspiration Hazard**

White mineral oil (petroleum) - 8042-47-5

Aspiration Hazard - Category 1

## Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
White mineral oil (petroleum) 8042-47-5	[Rat]: >5000 mg/kg	[Rabbit]: >2000 mg/kg	No information available
d-Limonene 5989-27-5	[Rat]: 4,400 mg/kg	[Rabbit]: >5000 mg/kg	No information available

### Symptoms related to the physical, chemical and toxicological characteristics

Skin Contact - Adverse symptoms may include: irritation, dyness and cracking.

Ingestion - Adverse symptoms may include: nausea and vomiting.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### **Sensitization**

No known significant effects or critical hazards on mixture.  
d-Limonene is a skin sensitizer.

#### **Chronic Effects**

Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

### Numerical measures of toxicity

#### **Acute toxicity estimates (ATE)**

No Information Available

### Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
d-Limonene 5989-27-5	Not classified	Group 3	Not classified	Not classified

ACGIH - American Conference of Governmental Industrial Hygienists

IARC - International Agency for Research on Cancer

Group 3 - Not classifiable as to its carcinogenicity to humans

NTP - National Toxicity Program

OSHA - Occupational Safety and Health Administration of the US Department of Labor

### Reproductive Toxicity

No information available

## Section 12 - Ecological Information

### Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
White mineral oil (petroleum) 8042-47-5	-	LC50 >1000 mg/L	LC50 >10,000 mg/L
d-Limonene 5989-27-5	-	LC50 0.72 mg/L - 96 hr. Pimephales promelas (fathead minnow)	Immobilization EC50 0.36 mg/L - 48 hr.

### Persistence and degradability

No information available

### Bioaccumulative potential

No information available

### Mobility in soil

No information available

### Other adverse effects

No known significant effects or critical hazards.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Any method in accordance with local, state and federal laws and regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose into storm drain, stream, river or other waterways.

**RCRA classification:** Not regulated

## Section 14 - Transport Information

**U.S. - Department Of Transportation (DOT):** *NOT REGULATED*

UN Number: Not applicable  
UN Proper Shipping Name: Not applicable  
Transport Hazard Class: Not applicable  
Packing Group Not applicable

## Section 15 - Regulatory Information

**TSCA** The components in this product are listed on the Toxic Substances Control Act (TSCA) inventory.

**CERCLA:** If this product is accidentally spilled it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CECRLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

**SARA TITLE III:** This product is not regulated under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act. This product does not contain any Sara Title 313 reportable ingredients.

## Section 16 - Other Information

**Revisions:** 02/17/15 - Converted to GHS compliant SDS

**Disclaimer:** This information is based on the data available to us and is accurate and reliable to the best of our knowledge at the time of this printing. However, no warranty is expressed or implied regarding the accuracy or completeness of the information contained herein. Since the use of this information and of these opinions and conditions of use of this product are not within the control of Holloway House, Inc., it is the users obligation to determine the conditions of the use of this product. Buyer / User assumes all risk, liabilities and uses of this material under these conditions.