

Material Safety Data Sheet

Section 1 - Product Identification

Prepared: 04/22/11

Identification Of The Product: Orange Oil
Use Of Product: Polishing oil for wood
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 - Ingredient Information

<u>Chemical Name</u>	<u>CAS No.</u>	<u>%WT</u>
Petroleum Distillate	8042-47-5	>98
d-Limonene	5989-27-5	<0.5

Section 3 - Health Hazard Information

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

Effects Of Overexposure:

Skin: May cause slight irritation.
Eyes: May cause slight irritation.
Inhalation: May cause slight irritation. Vaporization is not expected at ambient temperatures. This material is not expected to cause inhalation-related disorders when used as directed.
Ingestion: Do not ingest. Can be harmful or fatal if swallowed. Ingestion can cause diarrhea. Do not induce vomiting. Chemical pneumonia is possible if aspirated into the lungs.

Section 4 - First Aid Measures

First Aid Procedures:

Skin: Wash exposed skin areas with soap and water. Get medical attention if irritation develops or persists.
Eyes: Flush with large quantities of water, holding eyelids open for at least 15 minutes. Seek medical attention if irritation develops or persists.
Inhalation: Get to fresh air. If breathing difficulty administer oxygen and seek medical attention immediately.
Ingestion: Do not induce vomiting. Chemical pneumonia is possible if aspirated into the lungs. Seek medical attention immediately.

Section 5 - Fire and Explosion Data

Flash Point (COC): >240F

<u>Flammable Limits:</u>	Combustible at temperatures above flash point.
<u>Lower Explosion Limit:</u>	Not Available
<u>Extinguishing Media:</u>	Water, dry chemical, foam, carbon dioxide, clean extinguishing agents.
<u>Special Fire Fighting Procedures:</u>	Wear MSHS/NIOSH approved self-contained breathing apparatus and full protective gear when fighting fires involving this product.
<u>Unusual Fire and Explosion Hazards:</u>	Keep containers closed and away from a heat source of open flame. Use away from heat and open flame.

Section 6 - Spill or Leak Procedures

<u>Spill Procedures:</u>	Floors will become slippery. Avoid walking in product and ventilate area. Contain spill with absorbent material using dry earth, sand or other inert non-combustible absorbent material and place into waste containers for later disposal. Avoid discharge to sewer or open waterways. Dispose of material in accordance with local, state and federal guidelines.
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Section 7 - Handling And Storage:

Precautions To Be Taken In Handling And Storage:

Store in a cool dry area: approximately 68F.
Keep container closed when not in use.

Conditions to Avoid:

Keep away from heat, flame, sparks and other ignition sources.
Avoid storing product near strong oxidizing agents. Do not store at elevated temperatures.

KEEP OUT OF THE REACH OF CHILDREN

Section 8 - Special Protection Information

<u>Respiratory Protection:</u>	No special requirements
<u>Ventilation:</u>	Normal ventilation.
<u>Protective Gloves:</u>	Rubber, Neoprene, Plastic recommended when excessive contact is expected.
<u>Eye Protection</u>	Safety glasses or eye goggles recommended when excessive contact is expected.
<u>Other Protection:</u>	Not necessary if product is used as directed.
<u>Hygienic Practices:</u>	Wash thoroughly after handling

Section 9 - Physical Data

<u>Appearance:</u>	Clear
<u>Color:</u>	Orange
<u>Odor:</u>	Orange citrus
<u>Physical State:</u>	Liquid
<u>Solubility In Water:</u>	Insoluble
<u>pH:</u>	Not Applicable
<u>Boiling Point:</u>	>400F
<u>Evaporation Rate: (vs. H2O)</u>	<1
<u>Specific Gravity: (H2O=1)</u>	0.87

Relative Density (lbs/gal.) 7.2
Vapor Density: (Air=1) >1
Vapor Pressure (mmHg): <0.1
Evaporation Rate: (vs. Butyl Acetate) <1

Section 10 - Reactivity Data

Stability: Stable under recommended handling and storage conditions
Hazardous Polymerization: Not Anticipated under normal use and storage conditions.
Hazardous Decomposition: Burning can produce oxides of carbon and soot
Incompatibility: Strong oxidizing agents

Section 11 - Toxicological Information and Exposure Limits

Toxicological Data On Individual Components In Their Pure Form: No data is available on product itself.

	CAS#:	Test Results
Petroleum Distillate	8042-47-5	Acute Dermal LD50 [Rabbit]: >2000 mg/kg Acute Oral LD50 [Rat]: >5000 mg/kg
d-Limonene	5989-27-5	Acute Dermal LD50 [Rabbit]: >2000 mg/kg Acute Oral LD50 [Rat]: 4400 mg/kg

Sensitization: Not available
Chronic Effects: Not available
Sensitization: May cause skin sensitization with possible dermatitis of redness, swelling, rash and eczema.

Section 12 - Ecological Information

Environmental Effects: This product can be harmful to fish and aquatic organisms. Do not discharge product into storm drains, stream, river or other waterways.

Ecological Data On Individual Components In Their Pure Form: No data available on the product itself.

	CAS#:	Test Results
Petroleum Distillate	8042-47-5	96-hour LC50 (Rainbow Trout): 2.4 mg/L
d-Limonene	5989-27-5	96-hour LC50 (Fathead Minnow): 0.796 mg/L 48-hour LC50 (Daphnia): 0.577 mg/L

Section 13 - Disposal Considerations

Waste Disposal Method: Any method in accordance with local, state and federal laws and regulations.
Do not dispose into storm drain, stream, river or other waterways.

Section 14 - Transport Information

U.S. Department Of Transportation (DOT): Not regulated

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 regulated under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act. The components are Sara Title 313 reportable ingredients.

Section 16 - Other Information

Hazardous Materials Identification System (HMIS):

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

HMIS Ratings:

Health	2
Flammability	1
Reactivity	0
Equipment	B

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