



Safety Data Sheet

Supersedes: 04/22/11

Prepared: 02/16/15

Section 1 - Product and Company Identification

Product Identifier

Product Name **Lemon 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

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

* = 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 (CO2)

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 ³ 8 hrs Form: Inhalable fraction	TWA: 5 mg/m ³ 8 hrs.	TWA: 5mg/m ³ 10 hrs. Form: Mist STEL: 10mg/m ³ 15 minutes. Form: Mist

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)

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

Section 9 - Physical and Chemical Properties

Physical and Chemical Properties

Appearance (physical state / color)	Clear, Yellow Liquid
Odor	Lemon Citrus
Odor Threshold	No information available
pH	Not Applicable
Melting point / Freezing point	No information available
Initial boiling point / boiling range	> 400°F
Flash Point	No information available
Evaporation Rate: (n-butyl acetate =1)	< 1
Flammability (solid, gas)	No information available

Flammability Limit in Air	
Upper flammability limit	No information available
Lower flammability limit	No information available
Vapor Pressure (mmHg)	< 0.1
Vapor Density (Air = 1)	> 1.0
Specific Gravity	0.87
Relative Density (lbs./gal.)	7.25
Solubility In Water	Insoluble
Solubility in other solvents	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available

Other Information

No information available

Section 10 - Stability and Reactivity

<u>Reactivity</u>	No information available
<u>Chemical Stability</u>	Stable under recommended storage conditions.
<u>Possibility of hazardous reactions</u>	None with normal use
Hazardous Polymerization	Does not occur
<u>Conditions to avoid</u>	No specific data
<u>Incompatible materials</u>	No specific data
<u>Hazardous Decomposition Products</u>	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

Inhalation	No known significant effects or critical hazards.
Eye contact	No known significant effects or critical hazards.
Skin contact	May cause skin dryness, irritation and/or defatting of the skin with prolonged contact.
Ingestion	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

Symptoms related to the physical, chemical and toxicological characteristics

Skin Contact - Adverse symptoms may include: irritation, dryness 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.
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
None				

ACGIH - American Conference of Governmental Industrial Hygienists

IARC - International Agency for Research on Cancer

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

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:

02/16/15 - Converted to GHS compliant SDS

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