

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CLARK'S Cutting Board Oil
MANUFACTURER: Culinary Woodcraft
ADDRESS: 9809 NE Lafayette Ave
 Bainbridge Island, WA 98110
EMERGENCY PHONE: 206-842-0555
CHEMTREC PHONE: 1-800-424-9300

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

PRODUCT USE: For oiling and conditioning butcher blocks and cutting boards.
PREPARED BY: Culinary Woodcraft

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT(s):</u>	<u>CAS #</u>	<u>% VOL</u>
White Mineral Oil	8042-47-5	100%weight
Lemon Oil	8008-56-8	<1%
Orange Oil	8008-57-9	<1%

SECTION 3: HAZARDOUS IDENTIFICATION

HAZARD DESIGNATION: Non-Hazardous According To the Criteria of NOHSC

SECTION 4: FIRST AID MEASURES

Eye Contact: Minimal eye irritation may result from short-term contact with liquid, mist, and/or vapor.
Skin Contact: No significant irritation is expected to occur upon short-term exposure.
Inhalation: No significant adverse health effects are expected to occur upon short-term exposure.
Ingestion: Ingestion can cause a laxative effect. If liquid material enters into the lungs, it can cause severe damage.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flashpoint: (Cleveland Open Cup) 129 °C (265 °F)

Autoignition: No Data Available

Flammability (Explosive) Limits (% by volume in air): Lower: Not Applicable Upper: Not Applicable

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions: This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: Report spills to local authorities as appropriate or required.

SECTION 7: HANDLING AND STORAGE

HANDLING: Use good industrial hygiene practices in handling this material.

STORAGE: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

Skin Protection: No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: Nitrile Rubber, Silver Shield, Viton.

Respiratory Protection: No respiratory protection is normally required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Attention: The data below are typical values and do not constitute a specification.

COLOR: Colorless

PHYSICAL STATE: Liquid

ODOR: Fresh orange and lemon scent

pH: Not applicable

VAPOR PRESSURE: <0.01 mmHg @ 37.8 °C (100 °F)

VAPOR DENSITY (AIR=1): >1

BOILING POINT > 260 °C (500 °F)

SOLUBILITY: Soluble in hydrocarbons; insoluble in water

FREEZING POINT Not applicable

MELTING POINT: Not available

SPECIFIC GRAVITY: 0.82 - 0.86 @ 15.6°C (60.1°F) / 15.6°C (60.1°F)

VISCOSITY: 7.5 cSt - 90 cSt @ 40°C (104°F) (Min)

COEFFICIENT OF WATER/OIL DISTRIBUTION: No Data Available

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

INCOMPATIBILITY WITH OTHER MATERIALS: May react with strong acids or strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: None known (None expected)

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

SENSITIVITY TO MECHANICAL IMPACT: No

SECTION 11: TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS

Eye Irritation: The eye irritation hazard is based on evaluation of data for similar materials or product components.

Skin Irritation: The skin irritation hazard is based on evaluation of data for similar materials or product components.

Skin Sensitization: The skin sensitization hazard is based on evaluation of data for similar materials or product components.

Acute Dermal Toxicity: LD50: >5g/kg (rat). The acute dermal toxicity hazard is based on evaluation of data for similar materials or product components.

Acute Oral Toxicity: LC50: >5000 mg/kg (rat) The acute oral toxicity hazard is based on evaluation of data for similar materials or product components.

Acute Inhalation Toxicity: The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product components. For additional information on the acute toxicity of the components, call the technical information center.

SECTION 12: ECOLOGICAL INFORMATION

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.

ENVIRONMENTAL FATE:

This material is considered inherently biodegradable. This material is not expected to present any environmental problems other than those associated with oil spills. This material is not expected to be readily biodegradable. See Section 6 for Accidental Release Measures.

SECTION 13: DISPOSAL CONSIDERATIONS

Place sealed, labeled containers in waste facility according to local disposal codes.

SECTION 14: TRANSPORT INFORMATION

TC Shipping Description: PETROLEUM OIL, N.O.I.B.N., NOT REGULATED AS A DANGEROUS GOOD

DOT Shipping Description: PETROLEUM OIL, N.O.I.B.N., NOT REGULATED AS A HAZARDOUS MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01-1=IARC Group 1
01-2A=IARC Group 2A
01-2B=IARC Group 2B
35=WHMIS IDL

No components of this material were found on the regulatory lists above.

CHEMICAL INVENTORIES:

All components comply with the following chemical inventory requirements: AICS (Australia), DSL (Canada), EINECS (European Union), KECI (Korea), PICCS (Philippines), TSCA (United States).

WHMIS CLASSIFICATION:

This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

SECTION 16: OTHER INFORMATION

Disclaimer

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. 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.

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PRODUCT NAME: CLARK'S Cutting Board Finish
MANUFACTURER: Culinary Woodcraft
ADDRESS: 9809 NE Lafayette Ave
Bainbridge Island, WA 98110

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

EMERGENCY PHONE: 206-962-0555
CHEMTREC PHONE: 1-800-424-9300

PRODUCT USE: For conditioning and protecting butcher blocks and cutting boards or any wooden utensils.
PREPARED BY: Culinary Woodcraft.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT(s):</u>	<u>CAS #</u>	<u>% VOL</u>
White Mineral Oil	8042-47-5	75-85
Beeswax	8012-89-3	8-10
Carnauba Wax	8015-86-9	8-10
Lemon Oil	8008-56-8	<1%
Orange Oil	8008-57-9	<1%

SECTION 3: HAZARDOUS IDENTIFICATION

HAZARD DESIGNATION: Non-Hazardous According To the Criteria of NOHSC

SECTION 4: FIRST AID MEASURES

Eye Contact: Minimal eye irritation may result from short-term contact with liquid, mist, and/or vapor.
Skin Contact: No significant irritation is expected to occur upon short-term exposure.
Inhalation: No significant adverse health effects are expected to occur upon short-term exposure.
Ingestion: Ingestion can cause a laxative effect. If liquid material enters into the lungs, it can cause severe damage.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flashpoint: (Cleveland Open Cup) 166°C (331°F)

Autoignition: No Data Available

Flammability (Explosive) Limits (% by volume in air): Not determined

EXTINGUISHING MEDIA: Use foam, dry chemical, carbon dioxide (CO₂), or water fog.

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions: Water spray may be useful to cool containers, but do not use strong stream or water that can spread flames

SECTION 6: ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: Report spills to local authorities as appropriate or required. (over 3 gallons)

SECTION 7: HANDLING AND STORAGE

HANDLING: Use good industrial hygiene practices in handling this material.

STORAGE: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

Skin Protection: No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: Nitrile Rubber, Silver Shield, Viton.

Respiratory Protection: No respiratory protection is normally required.

Occupational Exposure Limits:

<u>Component</u>	<u>Agency</u>	<u>TWA</u>	<u>STEL</u>	<u>Ceiling</u>	<u>Notation</u>
White Mineral Oil	ACGIH	5 mg/m ³	10 mg/m ³	---	---

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Attention: The data below are typical values and do not constitute a specification.

COLOR:	Light yellow
PHYSICAL STATE:	Wax
ODOR:	Fresh lemon and orange scent
pH:	Not applicable
VAPOR PRESSURE:	<0.1 mm of Hg (20°C)
VAPOR DENSITY (AIR=1):	>1
BOILING POINT	>1
SOLUBILITY:	Negligible Solubility in cold water
FREEZING POINT	Not applicable
MELTING POINT:	Not available
SPECIFIC GRAVITY:	0.84

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

INCOMPATIBILITY WITH OTHER MATERIALS: May react with strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: None known (None expected)

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

SENSITIVITY TO MECHANICAL IMPACT: No

SECTION 11: TOXICOLOGICAL INFORMATION

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SECTION 12: ECOLOGICAL INFORMATION

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.

ENVIRONMENTAL FATE:

This material is considered inherently biodegradable. This material is not expected to present any environmental problems other than those associated with mineral oil spills. This material is not expected to be readily biodegradable. See Section 6 for Accidental Release Measures.

SECTION 13: DISPOSAL CONSIDERATIONS

Place sealed, labeled containers in waste facility according to local disposal codes.

SECTION 14: TRANSPORT INFORMATION

TC Shipping Description: PETROLEUM OIL, N.O.I.B.N., NOT REGULATED AS A DANGEROUS GOOD

DOT Shipping Description: PETROLEUM OIL, N.O.I.B.N., NOT REGULATED AS A HAZARDOUS MATERIAL

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