

# Safety Data Sheet

**BUTCHER BLOCK CONDITIONER** (Boos Block® Mystery Oil)

## **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **BUTCHER BLOCK CONDITIONER**

Manufacturer or Supplier's Details: Stuart Hale Company  
 4350 W. Ohio Street  
 Chicago, IL 60624  
 United States

Emergency Telephone Number: 773-638-1800  
 Poison Control Center: Consult local telephone directory for emergency number(s).

Use of Substance/Preparation: Food Ingredient, Release Agent

## **SECTION 2. HAZARDS IDENTIFICATION**

Emergency Overview Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper, and clothing. Place soaked materials in a sealed, metal container to prevent this. This product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Light Yellow

Physical State Liquid Slurry

Odor Slight Bees Wax

This product is NOT classified as hazardous according to 29 CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (OHS/A/GHS); SOR/88-66, the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico). However, vegetable oils and their blends (in mist form) are known to be listed as an OSHA 29 CFR 1910.1000 Air Contaminant. Occupational exposure limits are subsequently provided in section 8 of this SDS.

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature of the preparation: Mixtures of Canola Oil, soy lecithin and white mineral oils. All ingredients are food grades. None of the ingredients are classified as hazardous according to 29 CFR 1910.

**Components**

Chemical Name	CAS#	Weight
Bees Wax	8012-89-3	100% Proprietary Blend
White Mineral Oil (petroleum)	8042-47-5	

**SECTION 4. FIRST AID MEASURES**

**Description of first aid measures**

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin Contact	Wash off with warm water and soap.
Inhalation	Move to fresh air.
Ingestion	No special measures required. Health injuries are not known or expected under normal use.

**Most important symptoms and affects, both acute and delayed**

Eyes	Not expected to pose health issues for the eye
Skin	Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use. Burns can occur if product is molten.
Inhalation	Health injuries are not known or expected under normal use. Excessive inhalation of mist may result in respiratory irritation.
Ingestion	Health injuries are not known or expected under normal use. Overexposure may cause: Gastrointestinal disturbance.

**Indication of any immediate medical attention and special treatment needed.**

Note to Physician	Treat symptomatically
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**SECTION 5. FIREFIGHTING MEASURES**

**Flammable Properties**

Material may pose fire hazard because it is dispersed (or spread) by water.

**Extinguishing media**

**Suitable Extinguishing Media**

Dry chemical. Dry chemical powder. Carbon CO2). Foam. Sand. Fog. Use extinguishing

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**Unsuitable Extinguishing Media**

measures that are appropriate to local circumstances and the surrounding environment.

Do not use a solid water stream as it may scatter and spread fire.

**Special hazards arising from the substance or mixture**

Hazardous Combustion Products

Thermal decomposition can lead to release of irritating gases and vapors, Acrolein, Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Smoke, Fumes.

Specific Hazards Arising from Chemical

Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray.

Sensitivity to mechanical impacts

No information available.

Sensitivity to static discharges

No information available.

**Advice for fire-fighters**

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

Health	0
Stability and Reactivity	0
Flammability	1
Physical Hazard	None known



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**SECTION 6. ACCIDENTAL RELEASE MEASURE**

Personal Precautions	Avoid high pressure washing or generation of aerosols. Material can create slippery conditions.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not allow product to reach soil, sewage system or any water course.
Methods for Clean-up	Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. For disposal information see section 13. Clean contaminated surface thoroughly.

**SECTION 7. HANDLING AND STORAGE**

Handling:	Ensure adequate ventilation. Do not use pressure to empty drums. Keep away from open flames, hot surfaces and sources of ignition.
Storage:	Keep in a cool sheltered place. To maintain product quality, do not store in heat or direct sunlight.

**SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Exposure Limits**

As an airborne mist containing mineral oil, exposure limits pertaining to “mineral oil mist” have been provided below.

Chemical Name	ACGIH TLV	OSHA PEL	MEXICO	NIOSH
White Mineral Oil Mist	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: inhalable fraction	TWA: 5 mg/m <sup>3</sup> 8 hours		TWA: 5 mg/m <sup>3</sup> 10 hours mist. STEL: 10 mg/m <sup>3</sup> 15 minutes, mist

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

**Personal Protective Equipment**

Eye/Face Protection

If exposed to airborne mist, or if splashing is possible, appropriate safety glasses with side-shields or safety goggles are recommended.

Skin and Body Protection

Oil resistant gloves are recommended. Appropriate body protection should be selected based on activity and possible exposure. Also take into consideration the specific local conditions under which the product is used.

Respiratory Protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection.



**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Light Yellow
<b>Physical State</b>	Liquid Slurry
<b>Odor</b>	Slight Bees Wax
<b>Odor Threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Flash Point</b>	>450°F
<b>Autoignition Temperature</b>	Not auto-flammable
<b>Boiling Point</b>	No information available
<b>Melting/Freezing Point</b>	No Information available
<b>Decomposition Temperature</b>	No information available
<b>Oxidizing Properties</b>	Not expected to be oxidizing
<b>Water Solubility</b>	Insoluble
<b>Solubility(ies)</b>	Soluble in many organic solvents
<b>Evaporation Rate</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>Viscosity</b>	> 4000 cP
<b>Partition Coefficient (n-octanol/water)</b>	No information available

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**SECTION 10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible Materials</b>	No materials to be especially mentioned.
<b>Hazardous Decomposition</b>	Thermal decomposition leads to formation of acrolein, carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ), smoke and fumes.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Acute toxicity of white mineral oil**

<b>Ingredient Name</b>	<b>Result</b>		
White mineral oil	LD50 Dermal LD50 Oral	Rabbit Rat	>2000 mg/kg >5000 mg/kg

**Information on toxicological effects**

<b>Acute toxicity</b>	Data not available
<b>Skin corrosion/irritation</b>	Data not available
<b>Serious eye damage/eye irritation</b>	Data not available
<b>Respiratory or skin sensitisation</b>	Data not available
<b>Germ cell mutagenicity</b>	Data not available
<b>Carcinogenicity</b>	Data not available
<b>Reproductive toxicity</b>	Data not available
<b>STOT – single exposure</b>	Data not available
<b>STOT- repeated exposure</b>	Data not available
<b>Aspiration hazard</b>	Based on available data, no known aspiration hazard.

**Potential Health Effects**

Eyes	Not expected to pose health issues for the eye. Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.
Skin	
Inhalation	Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of the sheet for exposure limits pertaining to "mineral oil mist". Excessive inhalation of mist may result in respiratory irritation.
Ingestion	Health injuries are not known or expected under normal use. Overexposure may cause: Gastrointestinal disturbance.

**SECTION 12. ECOLOGICAL INFORMATION**

Ecotoxicity	Not classified for aquatic toxicity.
Persistence/Degradability	Biologically degradable
Mobility	The product is insoluble and floats on water.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

Waste Disposal Methods	Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion.
Contaminated Packaging	Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

**SECTION 14. TRANSPORT INFORMATION**

**Domestic transport regulation (USA)**

DOT Not regulated

**Domestic transport regulations (Canada)**

TDG Not regulated

**Domestic transport regulations (Mexico)**

MEX Not regulated

**International transport regulations**

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

**SECTION 15. REGULATORY INFORMATION**

Information not available

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**SECTION 16. OTHER INFORMATION**

For Copy of (M)SDS:

Stuart Hale Company  
4350 W. OHIO ST  
Chicago IL 60624  
United States  
773-638-1800  
Fax 773-638-1888

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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