



# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: July 28, 2017

Revision: July 28, 2017

## 1 Identification

- **Product identifier**
- **Trade name:** Block Oil
- **Other means of identification:** No other identifiers
- **Recommended use and restriction on use**
- **Recommended use:** Protect & Restore Any Wood and Bamboo Food Preparation Surface
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Homewood Block Bros  
P.O. Box 966  
San Carlos, CA 94070  
(650) 299-1800  
homewoodgr@msn.com
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
Skin Sens. 1 H317 May cause an allergic skin reaction.
- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**  
H317 May cause an allergic skin reaction.
- **Precautionary statements:**  
P261 Avoid breathing mist.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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- **Other hazards** There are no other hazards not otherwise classified that have been identified.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Components:**

|           |            |   |     |
|-----------|------------|---|-----|
| 5989-27-5 | d-limonene | <ul style="list-style-type: none"> <li>⚠ Flam. Liq. 3, H226</li> <li>⚠ Asp. Tox. 1, H304</li> <li>⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317</li> <li>Eye Irrit. 2B, H320</li> </ul> | <1% |
|-----------|------------|---|-----|

- **Additional information:** For the wording of the listed Hazard Statements refer to section 16.

### 4 First-aid measures

- **Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation or rash occurs: Get medical advice/attention.

- **After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** Rinse mouth with water. Do not induce vomiting. Get medical attention.

- **Most important symptoms and effects, both acute and delayed:**

Allergic reactions

Slight irritant effect on eyes.

Nausea in case of ingestion.

May cause gastro-intestinal irritation if ingested.

- **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

### 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:** Foam, dry chemical or carbon dioxide.

- **For safety reasons unsuitable extinguishing agents:** Water stream.

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

Formation of toxic gases is possible during heating or in case of fire.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

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## 6 Accidental release measures

### · **Personal precautions, protective equipment and emergency procedures**

- Ensure adequate ventilation.
- Use personal protective equipment as required.
- Particular danger of slipping on leaked/spilled product.

### · **Environmental precautions**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### · **Methods and material for containment and cleaning up**

Towel or mop up material and collect in a suitable container.

### · **Reference to other sections**

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

## 7 Handling and storage

### · **Handling**

#### · **Precautions for safe handling:**

- Use only in well ventilated areas.
- Avoid splashes or spray in enclosed areas.
- Use personal protective equipment as required.
- Wash hands before breaks and at the end of work.
- Keep out of reach of children.

#### · **Information about protection against explosions and fires:** No special measures required.

### · **Conditions for safe storage, including any incompatibilities**

#### · **Storage**

#### · **Requirements to be met by storerooms and receptacles:**

- Avoid storage near extreme heat, ignition sources or open flame.
- Store in cool, dry conditions in well sealed receptacles.

#### · **Information about storage in one common storage facility:** No special requirements.

#### · **Specific end use(s)** No relevant information available.

## 8 Exposure controls/personal protection

### · **Control parameters**

#### · **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### · **Exposure controls**

#### · **Engineering measures** Provide adequate ventilation.

#### · **Personal protective equipment:**

#### · **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

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Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid close or long term contact with the skin.

Avoid contact with the eyes.

· **Engineering controls:** No relevant information available.

· **Breathing equipment:** Not required under normal conditions of use.

· **Protection of hands:**

Gloves are advised for repeated or prolonged contact.

Wear protective gloves to handle contents of damaged or leaking units.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.

· **Body protection:** Not required under normal conditions of use.

· **Limitation and supervision of exposure into the environment**

No relevant information available.

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **Appearance:**

**Form:** Liquid

**Color:** Yellow

· **Odor:** Citrus.

· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** Not determined.

· **Flash point:** >93°C (>199 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits**

**Lower:** Not determined.

**Upper:** Not determined.

· **Oxidizing properties:** Non-oxidizing.

· **Vapor pressure:** Not determined.

· **Density:**

**Relative density:** 0.85-0.95

**Vapor density:** Not determined.

**Evaporation rate:** Not determined.

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- **Solubility in / Miscibility with Water:** Insoluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity**
  - **Dynamic:** Not determined.
  - **Kinematic:** Not determined.
- **Other information** No relevant information available.

## 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Reacts with strong oxidizing agents.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** No relevant information available.
- **Hazardous decomposition products** Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**5989-27-5 d-limonene**

Oral | LD50 | 4,400 mg/kg (rat)

- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Sensitizing effect by skin contact is possible with prolonged exposure.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

- **NTP (National Toxicology Program):**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

- **Probable route(s) of exposure:**

Ingestion.  
Inhalation.  
Eye contact.

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Skin contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity** No relevant information available.
- **Persistence and degradability** Biodegradable.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Additional ecological information**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects** No relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Smaller quantities can be disposed of with household waste.  
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** Not regulated.
- **UN proper shipping name**
- **DOT, ADR, IMDG, IATA** Not regulated.

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|  |                 |
|--|-----------------|
| · <b>Transport hazard class(es)</b>  |                 |
| · DOT, ADR, IMDG, IATA   |                 |
| · Class  | Not regulated.  |
| · <b>Packing group</b>   |                 |
| · DOT, ADR, IMDG, IATA   | Not regulated.  |
| · <b>Environmental hazards</b>   |                 |
| · Marine pollutant:  | No              |
| · <b>Special precautions for user</b>  | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |

## 15 Regulatory information

|   |
|---|
| · <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b> |
| · United States (USA)   |
| · SARA  |
| · <b>Section 302 (extremely hazardous substances):</b>  |
| None of the ingredients are listed.   |
| · <b>Section 304 (emergency release notification):</b>  |
| None of the ingredients are listed.   |
| · <b>Section 355 (extremely hazardous substances):</b>  |
| None of the ingredients are listed.   |
| · <b>Section 313 (Specific toxic chemical listings):</b>  |
| None of the ingredients are listed.   |
| · <b>TSCA (Toxic Substances Control Act)</b>  |
| All ingredients are listed.   |
| · <b>Proposition 65 (California)</b>  |
| · <b>Chemicals known to cause cancer:</b>   |
| None of the ingredients are listed.   |
| · <b>Chemicals known to cause reproductive toxicity for females:</b>                                    |
| None of the ingredients are listed.   |
| · <b>Chemicals known to cause reproductive toxicity for males:</b>                                      |
| None of the ingredients are listed.   |
| · <b>Chemicals known to cause developmental toxicity:</b>   |
| None of the ingredients are listed.   |

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**· Carcinogenic categories****· EPA (Environmental Protection Agency):**

None of the ingredients are listed.

**· IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

**· NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Date of preparation / last revision** July 28, 2017 / -**· Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety &amp; Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

**· Sources**Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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