

Safety data sheet

BRIWAX HARD WAX OIL

Version 1.0

Effective date: 2020-4-1



SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name: **BRIWAX**

Product no.: 1 Liter: **761758100243** 2.5 Liter: **761758100250**

Product name: **HARD WAX OIL**

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Product use: **As a floor or furniture covering**

1.3 Details of the Supplier of the safety data sheet:

Company: **BRIWAX INTERNATIONAL, INC.**

P.O. Box 5662

Helena, MT 59604

www.BRIWAX.com

Contact: Phone: **1-800-527-4929** Fax: **1-972-867-8960** Email: **cs@briwax.com**

1.4 Emergency telephone number: **1-800-527-4929** (Office Hours Only)

SECTION 2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture:

FLAMMABLE LIQUID #4: H226

2.2 Label elements:

Hazard pictograms:

Signal word: **Warning**

Warning

Hazard statements: **Contains cobalt 6, zirconium drier 18%, methylethyl ketoxime. May produce an allergic reaction.**

H226: Flammable liquid and vapor

Precautionary statements:

Prevention: **P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**

P233: Keep container tightly closed.

P240: Ground/Bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/.../equipment

P242: Use only non-sparking tools.

P243: Take precautionary measures against static charge.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: **P301+302: IF SWALLOWED: Call a doctor if you feel unwell.**

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P370+378: In case of fire: Use carbon dioxide to extinguish. (cont.)

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SECTION 2. HAZARDS IDENTIFICATION (cont.)

Storage: **P403+235: Store in a well-ventilated place. Keep cool.**

Disposal: **P501: Dispose of contents/container to hazardous or special waste collection point.**

2.3 Other Hazards. **PBT: This product is not identified as a PBT/vPvB substance**

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture: **Contains cobalt 6, zirconium drier 18%, methylethyl ketoxime**

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Ingestion: If accidentally swallowed, wash mouth out with water. Do not induce vomiting, keep at rest and obtain medical attention.

Inhalation: Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth if unconscious, place in the recovery position and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed:

Skin contact: May cause irritation on prolonged or repeated contact.

Eye contact: Irritation with short term redness and stinging.

Ingestion: May cause nausea and diarrhea.

Inhalation: Nausea may occur. May cause irritation of the respiratory tract.

Delayed / immediate

effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed:

Immediate / special treatment: Not applicable.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: **Use dry powder, foam or carbon dioxide. Never use water as this may float the oil and spread the fire. Sand or earth.**

5.2 Special hazards arising from the substance or mixture:

In a fire, hazardous decomposition products such as smoke and Carbon Monoxide may be produced.

5.3 Advice for firefighters: **Fire will produce dense black smoke containing hazardous products of combustion. Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.**

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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Do not attempt to take action without suitable protective clothing (see section 8).

6.2 Environmental precautions:

If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes contact the relevant environment agency.

6.3 Methods and material for containment and cleaning up:

Transfer into a suitable container for disposal in accordance with the waste regulations (see section 13).

6.4 Reference to other sections:

Refer to section 8 of SDS.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Ensure there is sufficient ventilation of the area. Skin contact constitutes the most pronounced hazard. Persons with a history of skin sensitization problems should only be employed in processes in which this product is used under appropriate medical supervision.

7.2 Conditions for safe storage, including any incompatibilities:

Storage: **Store in a cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight.**

Packaging: **Must only be kept in original packaging.**

7.3 Specific end use(s): N/A

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters:

Workplace exposure limits: No data available.

DNEL / PNEC Values:

No data available.

8.2 Exposure controls:

Engineering measures: Ensure there is sufficient ventilation of the area. If these are not sufficient to maintain concentrations of particulates and/or solvent vapors below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn (see Respiratory protection below). (cont.)

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SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION (cont.)

Respiratory protection: Gas/vapor filter, type A: organic vapors (EN141).

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye wash is on hand.

Skin protection: Cotton or cotton/synthetic overalls or coveralls are normally suitable.
Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

Environmental: No special requirement.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

State: Liquid

Color: Off-white

Odor: Characteristic odor

Evaporation rate: No data available.

Oxidizing: No data available.

Solubility in water: Insoluble

Also soluble in: Benzene.

Viscosity: Viscous

Boiling point/range°F: No data available.

Melting point/range°F: No data available.

Flammability limits %: **Lower:** No data available.

Upper: No data available.

Flash point°F: 73.4 - 131 (°C 23-55)

Part.coeff. n-octanol/water: No data available.

Auto flammability°F: No data available.

Vapor pressure: No data available.

Relative density: No data available.

pH: approx. 7

VOC g/l: 487 g/litre

9.2 Other information: **No data available.**

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:

Stable under recommended transport or storage conditions.

10.2 Chemical stability:

Stable under normal storage and handling conditions (see Section 7).

10.3 Possibility of hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to avoid:

Direct sunlight. Heat. Sources of ignition.

10.5 Incompatible materials:

Materials to avoid: Acids. Bases. Oxidizing agents.

10.6 Hazardous decomposition products:

In a fire, hazardous decomposition products such as smoke and carbon monoxide may be produced.

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects:

Toxicity values: No data available.

Symptoms routes of exposure:

Skin contact: May cause irritation on prolonged or repeated contact.

Eye contact: Irritation with short term redness and stinging.

Ingestion: May cause nausea and diarrhea.

Inhalation: Nausea may occur. May cause irritation of the respiratory tract.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Ecotoxicity values: No data available. Not classified.

12.2 Persistence and degradability:

Persistence and degradability: No data available.

12.3 Bioaccumulative potential:

Bioaccumulative potential: No data available.

12.4 Mobility in soil:

Mobility: Volatile.

12.5 Result of PBT and vPvB assessment:

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects:

Other adverse effects: No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Disposal operations: NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of as normal industrial waste. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number: **UN1263**

14.2 UN proper shipping name: **N/A**

14.3 Transport hazard class(es): **Transport class: 4**

14.4 Packing group: **III**

14.5 Environmental hazards: **Environmentally: No** **Marine Pollutant: YES**

14.6 Special precautions for user: **None**

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: **N/A**

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SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: **N/A**

15.2 Chemical safety assessment: **N/A**

SECTION 16. OTHER INFORMATION

STATE OR LOCAL REGULATIONS:

California Prop. 65 WARNING: This product contains chemicals known to the State of California to cause reproductive harm.

Other information:

The customer is responsible for determining the PPE code for this material. Procedure used to derive the classification:

Classification

Flam. Liq. 4, H226

Justification

On basis of test data

HEALTH HAZARD	4
FLAMMABILITY	4
PHYSICAL HAZARD	0

Key to abbreviations:

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IBC = Intermediate Bulk Container

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

PBT = Polybutylene Terephthalate Safety Data Sheet Sipchem Chemical Company SAFETY DATA SHEET according to Regulation (EC) No. 1272/2008, Regulation (EC) No.1907/2006

PPE = Personal Protection Equipment

UN = United Nations

VOC = Volatile Organic Compounds

Notice to reader: It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all federal, state, territorial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. SDS US (GHS HazCom) - US Only