

Safety Data Sheet

According to Regulation (EC) No 1907/2006

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Date Printed:

HAMPTON
RESEARCH

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

SECTION 1 - Chemical Product & Company Identification

Product Name Beeswax

Product Number HR4-312

Company Hampton Research

Street Address 34 Journey

City, State, Zip, Country Aliso Viejo, CA 92656-3317, U.S.A.

Technical Phone 949 425 1321

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For **CHEMTREC** Assistance, call: 800 424 9300

For International **CHEMTREC** Assistance, call: 703 527 3887

SECTION 2 - Composition / Information on Ingredient

Substance Name	Synonym	Formula	M _r	CAS #	EC #	RTECS
N/A	N/A	N/A	N/A	8012-89-3	N/A	N/A

Merck	Beilstein	SARA	MDL #	PubChem Substance ID
N/A	N/A	N/A	N/A	N/A

SECTION 3 - Hazards Identification

HMIS

HEALTH HAZARD: 1

FIRE HAZARD: 1

REACTIVITY: 0

PERSONAL PROTECTION: E

NATIONAL FIRE PROTECTION ASSOCIATION

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

SPECIFIC HAZARD: 1

POTENTIAL ACUTE HEALTH EFFECTS

- INHALATION: May be harmful if inhaled. May cause respiratory tract irritation.
- SKIN: May be harmful if absorbed through skin. May cause skin irritation.
- EYES: May cause eye irritation.
- INGESTION: May be harmful if swallowed.

(CONTINUED) SECTION 3 - Hazards Identification

POTENTIAL CHRONIC HEALTH EFFECTS

- CARCINOGENIC EFFECTS: N/A
- MUTAGENIC EFFECTS: N/A
- TERATOGENIC EFFECTS: N/A
- DEVELOPMENTAL TOXICITY: N/A

Repeated or prolonged exposure is not known to aggravate medical condition.

For additional information on toxicity, please refer to **SECTION 11**.

SECTION 4 - First Aid Measures

GENERAL ADVICE

- Consult a physician.
- Show this safety data sheet to the doctor in attendance.
- Move out of dangerous area.

ORAL EXPOSURE

- Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
- Rinse mouth with water.
- Loosen tight clothing such as a collar, tie, belt or waistband.
- Consult a physician.

SERIOUS ORAL EXPOSURE

- Not Available.

INHALATION EXPOSURE

- If inhaled, remove to fresh air. If not breathing give artificial respiration.
- If breathing is difficult, GIVE OXYGEN.
- Consult a physician.

DERMAL EXPOSURE

- Take off contaminated clothing and shoes immediately.
- Wash off with soap and plenty of water.
- Consult a physician.

SERIOUS DERMAL EXPOSURE

- Not Available.

EYE EXPOSURE

- In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.
- Assure adequate flushing by separating the eyelids with fingers.
- Consult a physician.

SECTION 5 - Fire Fighting Measures

FLAMMABILITY OF THE PRODUCT:

- May be combustible at high temperature.

FLASH POINT

- OPEN CUP: 204.4°C (399.9°F)

AUTOIGNITION TEMPERATURE

- N/A

FLAMMABLE LIMITS

- N/A

PRODUCTS OF COMBUSTION

- N/A

FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: N/A

EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:

- Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

EXTINGUISHING MEDIA

- SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

SPECIAL REMARKS ON FIRE HAZARDS: N/A

SPECIAL REMARKS ON EXPLOSION HAZARDS: N/A

SECTION 6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTIONS

- Use personal protective equipment. Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
- Avoid dust formation. Ensure adequate ventilation. Avoid breathing dust.

ENVIRONMENTAL PRECAUTIONS

- Do not let product enter drains.

METHODS FOR CLEANING UP

- Pick up and arrange disposal without creating dust. Sweep up and shovel.
- Keep in suitable, closed containers for disposal.
- Ventilate area and wash spill site after material pickup is complete.

SECTION 7 - Handling & Storage

PRECAUTIONS

- Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

STORAGE

- Suitable - Keep container tightly closed in a dry and well-ventilated place.

SECTION 8 - Exposure Controls / PPE

ENGINEERING CONTROLS

- Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

PERSONAL PROTECTIVE EQUIPMENT

- Respiratory: Where protection from nuisance levels of dust are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Hand: Handle with protective chemical-resistant gloves.
- Eye: Chemical safety goggles.
- Skin and body protection: Choose body protection according to the amount and concentration of the substance at the work place.

GENERAL HYGIENE MEASURES

- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

EXPOSURE LIMITS

- N/A

SECTION 9 - Physical / Chemical Properties

APPEARANCE

PHYSICAL STATE:

Solid

ODOR:

Not available

TASTE:

Not available

PROPERTY

VALUE

AT TEMPERATURE OR PRESSURE

Molecular Weight

N/A

pH

N/A

BP / BP Range

> 316°C

MP / MP Range

63.5°C (146.3°F)

Flash Point

OPEN CUP: 204.4°C (399.9°F)

Ignition Temperature

N/A

Lower / Upper Explosion Limit

N/A

Critical Temperature

N/A

Vapor Pressure

N/A

Vapor Density

N/A

Specific Gravity

0.955 (Water = 1)

Water Solubility

Insoluble in cold water

Volatility

N/A

Odor Threshold

N/A

Ionicity (in Water)

N/A

Dispersion Properties

N/A

N/A = NOT AVAILABLE

SECTION 10 - Stability & Reactivity

STABILITY

- The product is stable.

INSTABILITY TEMPERATURE

- N/A

MATERIAL TO AVOID

- Strong oxidizers

CONDITIONS TO AVOID

- Strong oxidation

CORROSIVITY

- Non-corrosive in presence of glass

HAZARDOUS POLYMERIZATION

- Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

- Carbon monoxide

SECTION 11 - Toxicological Information

ACUTE TOXICITY

- N/A

IRRITATION AND CORROSION

- N/A

SENSATION

- N/A

CHRONIC EXPOSURE

- N/A

OTHER TOXIC EFFECTS ON HUMANS

- Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

SPECIAL REMARKS ON TOXICITY TO ANIMALS

- N/A

SPECIAL REMARKS ON CHRONIC EFFECTS ON HUMANS

- N/A

SPECIAL REMARKS ON OTHER TOXIC EFFECTS ON HUMANS

- N/A

POTENTIAL HEALTH EFFECTS

- INHALATION: May be harmful if inhaled. May cause respiratory tract irritation.
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ADDITIONAL INFORMATION

- N/A

SECTION 12 - Ecological Information

ECOTOXICITY: N/A

BOD5 and COD: N/A

PRODUCTS OF BIODEGRADATION:

- Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

TOXICITY OF THE PRODUCTS OF BIODEGRADATION: The products of degradation are more toxic.

SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION: N/A

SECTION 13 - Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

- Contact a licensed professional waste disposal service to dispose of this material.
- Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and a scrubber.
- Observe all federal, state, and local environmental regulations.

CONTAMINATED PACKAGING

- Dispose of as unused product.

SECTION 14 - Transportation Information

DOT (US)

- Not a DOT controlled material (United States).

IDENTIFICATION

- Not applicable.

SPECIAL PROVISIONS FOR TRANSPORT

- Not applicable.

SECTION 15 - Regulatory Information

FEDERAL AND STATE REGULATIONS: TSCA 8(b) inventory: Beeswax

OTHER REGULATIONS: Not available.

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): This product is not classified according to the EU regulations.

SECTION 16 - Other Information

DISCLAIMER

- For R&D use only. Not for drug, household, or other use.

WARRANTY

- The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of this product. Hampton Research Corp., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.
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