

Certificate of Analysis

PRODUCT IDENTIFICATION AND COMPOSITION

Product Name: Beeswax Blocks Unrefined
Product Code: WAXBEESEADBLOC
Batch Number: UK4123201
Best Before Date: November 2015

PHYSICAL AND CHEMICAL PROPERTIES

Test	Specification	Analysis
Appearance	Pale yellow sold block	Conforms
Odour	Characteristic	Conforms

STORAGE CONDITIONS

Stored temperature <30°C in closed containers and protected from direct sunlight.

ADDITIONAL INFORMATION

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Material Safety Data Sheet

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Beeswax Block Purified Yellow (100% Natural)
Botanical Name: *Cera alba*
Synonyms: *Beeswax white, beeswax yellow, yellow beeswax.*
INCI Name: Beeswax
CAS #: 8012-89-3
Country of Origin: China

SECTION: 1.2 COMPANY IDENTIFICATION

Company: Madar Corporation
19-20 Sandleheath Industrial Estate, Fordingbridge,
Hampshire, SP6 1PA, UK
Tel: 01425 655555
Email: technical@madarcorporation.co.uk

Contents: Beeswax
Major Components: Esters, free acids, free alcohols and hydrocarbons.

SECTION: 3. HAZARDS IDENTIFICATION

This material presents no significant health hazard.

Medical Information: N/A

SECTION: 4. FIRST AID MEASURES

Eye Contact: Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing.
Ingestion: Rinse mouth; dilute with water and consult a physician immediately.
Skin Contact: Remove contaminated clothing. Wash skin off with soap and plenty of water. Seek medical attention if irritation persists.

SECTION: 5. FIRE FIGHTING MEASURES

Flammable Limits: Never melt wax by direct heat
Extinguishing media: Carbon Dioxide, dry chemical or powder. DO NOT use direct water jet on burning material.
Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.
Unusual Firefighting Hazards: Fumes are extremely toxic when heated to decomposition.
Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.
Combustion Product: Carbon Dioxide

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: N/A
Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.



Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate authorities if required.

Methods For Cleaning Up: Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, provincial or state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

SECTION: 7. HANDLING AND STORAGE

Handling: Good personal hygiene practices should be used.

Storage: Store in a cool, dry, away from any heat sources. Do not store near inflammable, explosive or dangerous goods.
Stack low to the ground to minimize any block dropping risks.

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection: Depending on the application the use of safety glasses is recommended.

Respiratory Protection: In well-ventilated areas, respiratory protection is not normally required.

Protective Gloves: Wear appropriate gloves to avoid skin exposure.

Protective Clothing: Protective clothing is recommended.

Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow / golden solid.

Odor: Characteristic beeswax odor

Specific Gravity: 0.95

Melting Point: 62 °C - 67 °C

Boiling Point: 343 °C

Solubility: Insoluble in water, soluble in hot ethanol, ether, chloroform and carbon tetrachloride and other organic solvents.

Density at 20 °C: 0.954 to 0.964g/cm³

Precaution: NEVER MELT WAX BY DIRECT HEAT. Always use a water bath for.

SECTION: 10. STABILITY AND REACTIVITY

Stability: Stable in solid form, when heated wax will become volatile and flammable.

Conditions to Avoid: overheating, open flames and heating elements

Materials to Avoid: Oxidizing agents.

Flammability: Combustible at high temperatures.

Hazardous Polymerization: Will not occur.

Hazardous Combustion or Decomposition Products: None known.
Fumes are toxic when heated to decomposition.

SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin Contact: May cause allergic skin reaction. Mild irritant to skin, eyes and mucus membranes.

Eye Contact: May irritate eyes.



Ingestion:	Do not induce vomiting if ingested. May cause digestive tract irritation in case of ingestion.
Medical Conditions Aggravated by Exposure:	N/A
Chronic Toxicity:	N/A
Carcinogenicity Data:	Not listed as a carcinogen.
Reproductive Toxicity:	No adverse effects on reproduction are known.
Acute Toxicity Values:	No data is currently available.

SECTION: 12. ECOLOGICAL INFORMATION

Avoid any pollution of ground, surface or underground water.

SECTION: 13. DISPOSAL CONSIDERATION

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

SECTION: 14. TRANSPORT INFORMATION

US DOT Shipping Description:	Check appropriate authority
IATA Shipping (Air):	Check appropriate authority
IMDG Shipping Description:	Check appropriate authority

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	Not Available
National Fire Protection Program (USA):	Health Hazard – 0; Flammability – 1; Reactivity – 0
SARA 302/ SARA 313:	None
EU Labeling:	N/A

SECTION: 16. DISCLAIMER

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