

01110-XXXX

# Enkaustikos®

## SAFETY DATA SHEET

### 1. Identification

**Product Name:** Beeswax

**Synonyms:** Beeswax

**Product Use:** Pharmaceutical/Cosmetic/Personal Care

**Manufacturer/Supplier:**

Enkaustikos  
3 North Washington St.  
Rochester, NY 14614  
585-263-6930

### 2. Hazards Identification

**GHS Classification:**

Health	Environmental	Physical
N/A	N/A	N/A

**GHS Label:**

**Symbols:** not applicable

Hazard Statements	Precautionary Statements
None	Contact with molten wax may cause thermal burns

### 3. Composition / Information on Ingredients

Chemical Name	Common Name
Not applicable	Beeswax
CAS Number	Weight %
8012-89-3(white)	100
8006-40-4 (yellow)	100

**Impurities/Additives**

None

**(See Section 8 for Exposure Limits)**

### 4. First Aid Measures

**Eye:** Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

**Skin:** For contact with molten material, leave material on skin and flush or immerse affected area(s), using cold water. Seek Medical Attention.

#### ***4. First Aid Measures (cont.)***

**Inhalation:** If respiratory symptoms develop from exposure to fumes emitted by the molten material, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

**Ingestion:** Solid material is not acutely toxic; however, if molten material is swallowed, seek immediate medical attention.

#### ***5. Fire Fighting Measures***

**Suitable Extinguishing Media:** Dry chemical, foam, sand, water fog is recommended.

**Unusual Fire and Explosion Hazards:** This material may burn, but will not ignite readily.

**Combustion Products:** N/A

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health: 0**

**Flammability: 1**

**Reactivity: 0**

#### ***6: Accidental Release Measures:***

This material may burn but will not ignite readily.

Isolate danger area and keep unauthorized personnel out.

Contain spill if it can be done with minimal risk. Wear appropriate protective equipment.

Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways.

Cleanup molten wax under supervision is advised.

## **7. Handling and Storage**

### **Handling**

Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

### **Storage**

Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles such as strong oxidizers.

Store at ambient or lower temperature.

Store out of direct sunlight.

Keep containers tightly closed and upright when not in use. Protect against physical damage.

## **8. Exposure Controls / Personal Protection**

**Exposure Limits NONE**

### **Personal Protective Equipment (PPE)**

**Eye Protection:** When handling in molten form, proper eye shields are worn to prevent injury

**Skin Protection:** When handling in molten form, proper resistant clothing, gloves, and shoes must be worn.

**Respiratory Protection:** No special precautions for normal use

## **9. Physical and Chemical Properties**

**Appearance:** White or Yellow solid at room temperature

**Upper Flammability Limit:** N/A

**Lower Flammability Limit:** N/A

**Vapor Pressure:** N/A

**Odor Threshold:** N/A

**Vapor Density:** N/A

**pH:** N/A

**Specific Gravity:** 0.96g/ml @ 20°C

**Melting Point:** 62 - 65°C

**Solubility:** Insoluble in water. Soluble in organic solvents when warmed

**Boiling Point:** N/A

**Flashpoint:** 400°C

**Flammability:** Not flammable

**Partition coefficient:** Not determined

**Auto ignition Temperature:** N/A

**Decomposition temperature:** N/A

**Viscosity:** 8 - 12 cSt @ 100C

## **10. Stability and Reactivity**

**Reactivity:** This material is stable and unlikely to react in a hazardous manner under normal conditions of use.

**Chemical Stability:** Stable under normal conditions. Avoid strong oxidizing agents.

**Hazardous Reactions:** Avoid strong oxidizing agents.

**Decomposition Products:** Thermal decomposition can produce a variety of products which may include oxides of carbon and nitrogen.

## **11. Toxicological Information**

**Signs and Symptoms of Overexposure:** Nasal and throat irritation.

### **Acute Effects:**

**Eye Contact:** Not expected to be an eye irritant

**Skin Contact:** No harmful effects from skin adsorption.

**Inhalation:** Vapors emitted from molten wax are expected to have slight degree of irritation

**Ingestion:** No harmful effects are expected.

### **Acute Toxicity Values**

CIR Review of Natural Waxes published in 2005.

FDA: GRAS (Generally Recognized As Safe)

Title 21 CFR 184.1973

## **12. Ecological Information**

Bioaccumulation is not expected. This product is readily biodegradable.

## **13. Disposal Considerations**

Recover if possible complying with the local and national regulations currently in force.

## **14. Transport Information**

**U.S. Department of Transportation (DOT)**

**Proper Shipping Name:** N/A

**Hazard Class:** N/A

**UN/NA Number:** Not Classified as dangerous in the meaning of transport regulations

**Packing Group:** N/A

**IATA (International Air Transport Association):** Not regulated

**International Maritime Organization (IMDG)**

Not a marine pollutant

**15. Regulatory Information****U.S. Federal Regulations**

**Toxic Substances Control Act (TSCA):** All components of this product are included on the TSCA inventory.

**Clean Water Act (CWA):** Not hazardous.

**Clean Air Act (CAA):** Not Hazardous

**Superfund Amendments and Reauthorization Act (SARA) Title III Information:**

This product contains no toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372)

**State Regulations:**

**California:** This product contains no chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm.

**International Regulations:**

**Canadian Environmental Protection Act:** All of the components of this product are included on the Canadian Domestic Substances list (DSL).

**Canadian Workplace Hazardous Materials Information System (WHMIS):**

This product has not been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**European Inventory of Existing Chemicals (EINECS):** All of the components of this product are included on EINECS.

**EU Classification:** None

**EU Risk (R) and Safety (S) Phrases:** None

**16. Other Information:**

**This SDS applies to the Item Codes attached to the end of this document**

**Revision 4: July 12, 2017**

**Supersedes:** December 27, 2016

**Disclaimer:** *The information contained herein is accurate to the best of our knowledge. My Company makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.*

Yellow Beeswax, N.F.	DR-100
Yellow Beeswax Cakes	DR-100 CAKES
Yellow Beeswax, N.F.	DR-100F
Yellow Beeswax, NF - Prills	DR-100P
White Beeswax, N.F. Slabs	DR-101
WHITE BEESWAX, NF CAKES	DR-101 CAKES
Extra White Beeswax Cakes, NF	DR-101 XWC
Extra White Beeswax Slabs	DR-101 XWS
White Beeswax, NF	DR-101A
WHITE BEESWAX NF	DR-101CA
White Beeswax, NF Prills	DR-101P
White Beeswax	DR-104
WHITE BEESWAX	DR-104R
Yellow Beeswax Slabs	DR-104Y
White Synthetic Beeswax	DR-201
White Synthetic Beeswax	DR-247
YELLOW BEESWAX	DR-266
White Beeswax	DR-275W
White Beeswax Pastilles	DR-275WP
Yellow Beeswax	DR-275Y
Yellow Beeswax Pastilles	DR-275YP
Yellow Beeswax	EM-103
White Beeswax - Cakes	EM-103 W
WHITE BEESWAX - SLABS	EM-103 W SLABS
Yellow Beeswax - Cakes	EM-103Y CAKES
WHITE BEESWAX SLABS	EM-104
COMMERCIAL YELLOW BEESWAX	EM-105
Yellow Beeswax Cakes	EM-105 CAKES
YELLOW BEESWAX SUBSTITUTE	EM-165B
WHITE BEESWAX SUBSTITUTE	EM-204
White Synthetic Beeswax	EM-28
Yellow Synthetic Beeswax	EM-28Y
YELLOW BEESWAX	SP-11
YELLOW BEESWAX PASTILLES	SP-11P
WHITE BEESWAX	SP-132
White Beeswax Pastilles	SP-132P
White Beeswax	SP-139WP
YELLOW BEESWAX	SP-139Y
YELLOW BEESWAX PASTILLES	SP-139Y P
YELLOW BEESWAX CAKES	SP-139Y-CAKES
White Beeswax	SP-412
YELLOW BEESWAX	SP-420

YELLOW BEESWAX CAKES	SP-420-CAKES
YELLOW BEESWAX KOSHER	SP-420K
YELLOW BEESWAX PASTILLES, N.F.	SP-420P
YELLOW BEESWAX NF PASTILLES	SP-420P NF
YELLOW BEESWAX PASTILLES KOSHER	SP-420P-K
WHITE BEESWAX, N.F.	SP-422
WHITE BEESWAX NF	SP-422 NF
WHITE BEESWAX, NF CAKES	SP-422-CAKES
WHITE BEESWAX KOSHER	SP-422-K
WHITE BEESWAX PASTILLES N.F.	SP-422P
WHITE BEESWAX PASTILLES KOSHER N.F.	SP-422P-K
WHITE BEESWAX	SP-424
WHITE BEESWAX PASTILLES, N.F.	SP-424P
WHITE BEESWAX PAST. N.F. - KOSHER	SP-424PK
White Beeswax	SP-425
White Beeswax Pastilles	SP-425P
Yellow Beeswax	SP-425Y
Yellow Beeswax Pound Cakes	SP-425Y CAKES
Yellow Beeswax Pastilles	SP-425YP
WHITE BEESWAX	SP-426
WHITE BEESWAX PASTILLES	SP-426P
WHITE BEESWAX	SP-44
WHITE BEESWAX PASTILLES	SP-44P
YELLOW BEESWAX	SP-45
WHITE BEESWAX	SP-450A
WHITE BEESWAX PASTILLES	SP-452P
WHITE BEESWAX	SP-453
WHITE BEESWAX PASTILLES	SP-453P
YELLOW BEESWAX IN CAKES	SP-45-CAKES
YELLOW BEESWAX PASTILLES	SP-45P
WHITE BEESWAX	SP-52
REFINED YELLOW BEESWAX	SP-6
FILTERED YELLOW BEESWAX - PESTICIDE FREE	SP-65
White Beeswax, NF pesticide free	SP-66PW
Yellow Beeswax NF, Pesticide Free	SP-66PY
YELLOW BEESWAX NF CAKES	SP-6-CAKES
Yellow Beeswax NF Granules	SP-6G
YELLOW BEESWAX PASTILLES, N.F.	SP-6P