



Safety Data Sheet

1. Identification

Product Name: Beeswax
INCI Name: Beeswax
Product Code: Wax#: 160, 262, 282, 401, 407, 408, 421, 423, 436, 441, 486, 513, 525, 527, 544, 545, 548, 566, 570, 571, 582, 595, 822, 826, 836, 844, 896, 90059, 90060
Manufacturer/Supplier: Koster Keunen, Inc.
Address: 1021 Echo Lake Rd. P.O. Box 69 Watertown, CT 06795 USA
General Information: 860-945-3333
Emergency Number: 860-945-3333

2. Hazards Identification

GHS Classification:
Health Not Classified
Environmental Not Classified
Physical Not Classified
GHS Label:
Symbol None
Hazard Statement None
Signal Words: None
Toxic Components: None

3. Composition / Information on Ingredients

Chemical identity: 100% Beeswax
Common name: White Beeswax, Yellow Beeswax, NF Beeswax, Organic Beeswax
Numbers of identity:
CAS Number 8012-89-3
EINECS Number 232-383-7
Impurities: None
Hazardous Components: None

4. First-Aid Measures

- Eye Contact: Flush with cold water and seek medical attention. Irritation is possible. Burns can occur if product is molten.
- Skin Contact: Flush with cold water and seek medical attention. Do not remove clothing or peel solidified product off the skin. This product is not absorbed by the skin. Irritation is possible. Burns can occur if product is molten.
- Inhalation: Avoid vapors from (over)heated product. Remove to fresh air. Consult a physician. Irritation is possible.
- Ingestion: This is a non-toxic product. Consult a physician. Irritation is possible.

5. Fire Fighting Measures

- Suitable Extinguishing Media: Foam, powder, water spray, Carbon Dioxide. Do not use a heavy water stream.
- Fire Fighting Procedures: Wear self-contained breathing apparatus, rubber boots, and thick rubber gloves. Protect containers with water spray.
- Combustion Products: Thermal decomposition generates carbon oxides and irritating volatile organic compounds.

6. Accidental Release Measures

- Personal Precautions: Refer to Section 8.
- Environmental Precautions: Prevent entry to sewers and public waters (prevent clogging).
- Methods and Material for Containment and Cleaning-Up: Allow product to solidify if molten. Remove solidified product. This product is not a hazardous waste.

7. Handling and Storage

- Handling: Use with caution around heat, sparks, static electricity and open flame.
- Storage: Store in a cool, dry well ventilated storage area away from direct sunlight. Do not store near oxidizing agents or strong acids.

8. Exposure Controls / Personal Protection

- Exposure Limits: Not Classified
- Ventilation: Ensure there is adequate ventilation.
- Eye Protection: Splash goggles or face shield
- Skin Protection: Gloves, apron or lab coat
- Respiratory Protection: Normally not needed.

9. Physical and Chemical Properties

- | | |
|---------------------------|---------------------|
| Appearance | Off-White to Brown |
| Odor | Characteristic odor |
| Odor Threshold | Not determined |
| pH | Not applicable |
| Melting Point | 61-65°C |
| Boiling Point | Not determined |
| Flash Point | Approximately 265°C |
| Evaporation Rate | Not applicable |
| Flammability (solid, gas) | Not classified |

Upper/Lower Flammability or Explosive Limits	Not classified
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Density @ 20°C (g/mL)	Approximately 0.96
Solubility	Not water soluble
Partition Coefficient (n-octanol/water)	Not applicable
Auto-Ignition Temperature	Not determined
Decomposition Temperature	Approximately 200°C
Viscosity	Approximately 12 mPa.s @ 100°C

10. Stability and Reactivity

Reactivity:	This product is not reactive under the conditions listed in Section 7.
Chemical Stability:	This product is stable under the conditions listed in Section 7.
Hazardous Reactions:	No available data
Conditions to avoid:	Oxidizing agents, strong acids, direct sunlight, heat, sparks, static electricity and open flame.
Incompatibility:	No available data
Decomposition Products:	Refer to Section 5.

11. Toxicological Information

Annex 4 Relevant Hazards:	No Data
Acute Toxicity:	
Oral Toxicity	LD50 >5,000 mg/Kg
Dermal Toxicity	Not classified
Inhalation Toxicity	Not classified
Eye Irritation	Not classified
Dermal Irritation	Not classified
Subchronic/Chronic Toxicity:	
Dermal Sensitization	Not classified
OSHA	Not hazardous

12. Ecological Information

Persistence and Degradability:	Biologically degradable without harmful residues.
Bio-Accumulative Potential:	No available data
Mobility:	No available data
Aquatic Toxicity:	Not toxic for the aquatic environment.

13. Disposal Considerations

Dispose of in accordance with local / national regulations. This product is not a dangerous waste material. Do not pour into drains or waterways.

14. Transportation Information

General Information:	Not classified as Hazardous for Transport
U.S. Department of Transportation (DOT):	Not classified as Hazardous for Transport

International Maritime Organization (IMDG): Not classified as Hazardous for Transport
IATA Class or Division: Not regulated by IATA Dangerous Goods Regulation (DGR) 55th Edition 2014
ADR Class: Not classified

15. Regulatory Information

INCI Name: Beeswax
CAS Number: 8012-89-3
EINECS Number: 232-383-7
REACH: Natural Substance, Annex V Exempt
TSCA: Listed
DSL: Listed
TRACES Approval Number: CT-API-0001
Montreal Protocol: Not listed
Rotterdam Convention: Not listed
Stockholm Convention: Not listed

16. Other Information

Preparation Date: August 2, 2018
Revision Indicator: Revision 15

Shelf Life: 2 years under proper storage conditions.

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

Disclaimer: The information and recommendations contained herein are believed to be accurate to the best of our knowledge. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.

Revision History

Revision 1 April 15, 2014; product use modified
Revision 2 November 7, 2014; section 14 updated
Revision 3 January 23, 2015; Added wax 822
Revision 4 March 6, 2015; Added wax 826
Revision 5 March 20, 2015; Added wax 160
Revision 6 June 4, 2015; Added waxes 90059, 90060
Revision 7 June 10, 2015; removed 544 & 545 note
Revision 8 June 18, 2015; Added waxes 525 & 527
Revision 9 January 4, 2016; Updated section 11
Revision 10 April 21, 2016; added wax 836 & 844

Revision 11 May 9, 2016; modified sections 11 & 15
Revision 12 December 29, 2017; updated section 11
Revision 13 May 7, 2018; updated sections 1, 11 & 15
Revision 14 May 8, 2018; product use removed from section 1
Revision 15 August 2, 2018; wax 896 added