

MATERIAL SAFETY DATA SHEET

WHITE BEESWAX

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: WHITE BEESWAX
Product Use: Personal Care Formulations
Company Name: Natural Sourcing
Company Address: 341 Christian Street, Oxford, CT 06478, USA
Date Issued: 7/10/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Monoesters: 45-55%
Hydrocarbons: 15-18%
Free Fatty Acids: 10-15%
Di and Complex Esters: 8-12%
Hydroxy Monoesters: 4-6%
Free Fatty Alcohol: 1-2%
Minor Components: 5-10%
Hazardous Components: None
CAS #: 8006-40-4

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: No available data
Skin Contact: Molten wax will cause burns on contact with skin
Ingestion: No available data
Inhalation: No available data

4. FIRST AID MEASURES

Eyes: No available data
Skin: Flush with cold water and seek medical attention
Ingestion: No available data
Inhalation: If overcome by fumes remove from exposure and call a physician
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): >240°C

Flammable Limits

LEL:	Not Established
UEL:	Not Established
Extinguishing Media:	Dry Chemical and CO2 for small fires. Use foam for large fires.
Special Firefighting Procedures:	Move exposed containers from fire area if possible. Use water to keep fire exposed containers cooled.
Unusual Fire & Explosion Hazards:	Potential combustible dust if flaked or powdered.
Hazard Thermal Decomposition Products:	Does not decompose up to 400°F
Protection of Firefighters:	Fire fighters should wear proper equipment and self-contained breathing apparatus with full face plate

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Precautions:	See below
Environmental Precautions:	Advise authorities if product enters sewers.
Methods for Cleaning Up:	Soak up with absorbent material such as paper, rags, or sawdust. Sweep up solidified material.

7. HANDLING AND STORAGE**Handling**

Safe Handling: Use with caution around heat, sparks, static electricity and open flames.

Storage

Requirements for Storage Areas and Containers: Store in cool, dry well ventilated storage area. Do not store near oxidizing agents or strong acids.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye:	Splash goggles or face shield
Skin/Body:	Gloves & Aprons should be worn.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if heating product.
Ventilation:	A mechanical exhaust/ventilation or fume collection system is recommended if heating product to elevated temperatures.
Other:	Evaluate need based on application.
Work/Hygiene Practice:	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid Wax Pellets
Color:	White
Odor:	Characteristic of wax, honey-like
pH:	N/A
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Boiling Point: (@ 760 mmHg)	>260°C
Melting Point:	61-65°C
Specific Gravity: (@25°C)	0.950-0.960
Saponification Value:	88-102

Ester Value:	72-79
Ratio Number (ester/acid):	3.3-4.2
Iodine Value:	8-11
Evaporation Rate:	N/A
Solubility in Water:	Insoluble
Water Reactive:	No

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Incompatibility (Materials to Avoid):	Strong oxidants and strong acids
Hazardous Decomposition or Byproducts:	CO ₂ , CO and other organic compounds may be formed.
Conditions to Avoid:	Excessive heating
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:	N/A
Threshold Limit Value:	Non Toxic
Medical Conditions Generally Aggravated by Exposure:	None
Irritancy:	Ingestion: LD ₀ 5g/kg Skin: Not expected to be an irritant Eyes: Mild irritation potential
Carcinogenicity:	No Data
Reproductive Toxicity:	No Data
Teratogenicity:	No Data
Mutagenicity:	No Data
Name of toxicologically synergistic products:	N/A

12. ECOLOGICAL INFORMATION

Biodegradation:	Expected to be ultimately biodegradable
Fish Toxicity:	No Data
Bacterial Toxicity:	No Data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Dispose of according to local, state and federal regulations.
-------------------------	---

14. TRANSPORT INFORMATION

DOT Classification:	
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Packing Group:	NA
ID Number:	NA

Hazard: NA

15. REGULATORY INFORMATION

EEC Number: 901
FDA Approved Under Regulations 21 CFR 184.1973 and 21 CFR 184.1975

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.