# SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.
Revision Date: April 25, 2016

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product: **White Beeswax NF**
Product Type: Wax
Company:

CandleScience
1717 E. Lawson St.
Durham, NC 27703

For information or emergencies call: 1.888.266.3916

## SECTION 2. HAZARDS IDENTIFICATION

### CLASSIFICATION ACCORDING TO HCS 2012 (29 CFR PARTS 1910, 1915, AND 1926):

Not Classified

### SIGNAL WORD:

Not Applicable

### HAZARD PICTOGRAMS:

Not Applicable

### HAZARD STATEMENTS:

Not Applicable

### PRECAUTIONARY STATEMENTS:

**Prevention:**
Solid material is not expected to be an eye irritant; however, contact with molten wax may cause thermal burns. Vapors from molten wax may cause watering of the eyes. Solid material is not expected to be a skin irritant; however, skin contact with molten wax may cause thermal burns. No harmful effects from skin absorption are expected. Vapors emitted from molten wax are expected to have a low degree of irritation by inhalation.
**Response:**
Not Applicable
**Storage:**

Keep only in the original container in a cool, well ventilated place away from: heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Storage temperature: 4 - 37 °C. Store in a well-ventilated place. Store in a closed container. Do not store in corrodable metal.

**Disposal:**

Dispose of contents/container in accordance with local/national laws and regulations.

Please note: Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of individual components which have been shown to cause or may cause these health effects when tested at higher concentrations or at full strength.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components: The identity of the individual components of this mixture is proprietary information and is regarded to be a trade secret. It is withheld in accordance with the provisions of 29 CFR 1910.1200.

## SECTION 4. FIRST AID MEASURES

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.

SKIN CONTACT:

For contact with molten material, leave material on skin and flush or immerse affected area(s), using cold water. Seek medical attention.

EYE CONTACT:

If irritation or redness develops from exposure to fumes generated during hot-melt processing operations, move victim away from exposure and into fresh air. Flush eyes with clean water. If irritation or redness persists, seek medical attention. For contact with the molten material, gently open eyelids and flush affected eye(s) with cold water. Seek immediate medical attention.

INGESTION:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

First aid is not normally required for the solid material; however, if molten material is swallowed, seek immediate medical attention.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

GENERAL INFORMATION:

Not Applicable

## SECTION 5. FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Foam, carbon dioxide, dry chemical, or water spray

UNSUITABLE EXTINGUISHING MEDIA:

Do not use a heavy water stream.

SPECIFIC HAZARDS:

Do not allow run-off from firefighting to enter drains or water courses.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self-contained breathing apparatus for firefighting. Move containers from fire area if you can be done safely. Use water spray jet to protect personnel and to cool endangered containers.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Evacuate personnel to safe areas. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up.

### ENVIRONMENTAL PRECAUTIONS:

Do not allow to enter into surface water or drains. Dispose of in accordance with local regulations. Local authorities should be advised if significant spillage cannot be contained.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

On land, sweep or shovel into suitable containers. Minimize generation of dust. Clean contaminated floors and objects thoroughly while observing environmental regulations.

## SECTION 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep only in the original container. Store in tightly closed and upright container in a cool, dry, ventilated area. Store away from light, heat, and sources of ignition. Incompatible with strong bases and strong acids.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

No additional information available

### APPROPRIATE ENGINEERING CONTROLS:

Avoid all unnecessary exposure. Provide adequate ventilation. If applicable, use process enclosures, local exhaust ventilation or other engineering controls.

### PERSONAL PROTECTIVE EQUIPMENT:

**Eye protection:**

Wear appropriate eye glasses with side protection.

**Hand protection:**

Wear appropriate chemical resistant gloves.

**Skin and body protection:**

Wear appropriate chemical resistant clothing.

**Respiratory protection:**

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**General hygiene considerations:**

Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** solid
**Odor:** No data available
**Odor threshold:** No data available
**pH:** No data available
**Melting point:** 62 – 65 °C
**Boiling point:** No data available
**Flash point:** 400 °F
**Evaporation Rate (Butyl Acetate=1):** No data available
**Flammability (solid, gas):** No data available
**Upper/lower flammability or explosive limits:** No data available
**Vapor pressure:** No data available
**Vapor density (Air=1):** No data available
**Specific gravity (H2O=1): 0.96 g/cm$^3$**
**Solubility in water:** No data available
**Partition coefficient: n-octanol/water:** No data available
**Auto-ignition temperature:** No data available
**Decomposition temperature:** No data available
**Viscosity:** No data available

## SECTION 10. STABILITY AND REACTIVITY

**Chemical stability:**
The product is stable and non-reactive under normal conditions of use, storage and transport.
**Possibility of hazardous reactions:**
Material is stable under normal conditions.
**Conditions to avoid:**
Avoid all possible sources of ignition. Temperature extremes and direct sunlight
**Incompatible materials:**
Strong oxidizing agents. Strong acids. Strong Bases.
**Hazardous decomposition products:**
Fume. Carbon monoxide. Carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity:**
No data available.
**Acute inhalation toxicity:**
No data available.
**Acute dermal toxicity:**
No data available.
**Skin corrosion/irritation:**
No data available.
**Serious eye damage/eye irritation:**
No data available.
**Respiratory or skin sensitization:**
No data available.

**Mutagenicity:**
No data available.
**Reproductive toxicity:**
No data available.
**Carcinogenicity:**
Not classified.
**Specific target organ toxicity, single exposure:**
No data available.
**Specific target organ toxicity, repeated exposure:**
No data available.
**Aspiration hazard:**
No data available.
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## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
**Persistence and Degradability**
Not established.
**Bioaccumulation**
No data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal instructions:**
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
**Local disposal regulations:**
Dispose in accordance with all applicable regulations.
**Hazardous waste code:**
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
**Waste from residues/ unused products:**
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
**Contaminated packaging:**
Empty containers retain residue (liquid and/or vapor) and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working on or in tanks which contain or have contained this material, refer to Occupational Safety and Health Administration Regulations, ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14. TRANSPORTATION INFORMATION

**DOT (US):** Not regulated for transport
**IATA UN Number:** Not regulated for transport
**IMDG UN Number:** Not regulated for transport

## SECTION 15 REGULATORY INFORMATION

The information and recommendations contained in this data sheet represent, to the best of CandleScience's knowledge and belief, an accurate and reliable representation as the known data for this material. Since the conditions for use, handling, storage and disposal of this product are beyond CandleScience's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.