

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Revision Date: January 31, 2018

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product: **Bamboo and Coconut**

Product Type: Fragrance Compound (Mixture)

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):

Skin Irritation:	Category 2
Eye Irritation:	Category 2A
Skin Sensitization:	Category 1B
Flammability:	Category 4

SIGNAL WORD:

Warning

HAZARD PICTOGRAMS:

Exclamation



HAZARD STATEMENTS:

Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Combustible liquid.

PRECAUTIONARY STATEMENTS:

Prevention:

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Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Response:

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If on skin: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use CO₂, dry chemical, or foam for extinction.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents/container in accordance with local 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:**

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

SKIN CONTACT:

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

EYE CONTACT:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

INGESTION:

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If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:
INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

GENERAL INFORMATION:

When in doubt or if symptoms are observed, get medical advice.

SECTION 5. FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Foam, carbon dioxide, or dry chemical.

UNSUITABLE EXTINGUISHING MEDIA:

Full water jet.

SPECIFIC HAZARDS:

During fire, gases hazardous to health may be formed. Burning produces heavy smoke. Do not inhale explosion and combustion gases.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear a self-contained breathing apparatus and chemical protective clothing. Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. Remove all sources of ignition. Provide adequate ventilation as well as local exhaustion at critical locations. See section 7 for more information.

ENVIRONMENTAL PRECAUTIONS:

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure waste is collected and contained.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Avoid contact with skin, eyes or clothing. Wear protective gloves and eye/face protection. See Section 8 for information on appropriate personal protective

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equipment. Remove all sources of ignition. Provide adequate ventilation as well as local exhaust at critical locations. Handle and open container with care.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep container tightly closed in a cool, well-ventilated place. Store in a dry place.

Protect from direct sunlight. Remove all sources of ignition. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

ACGIH:

TWA Citral (CAS 5392-40-5) 5 ppm

TWA Pin-2(10)-ene (CAS 127-91-3) 20 ppm

TWA Benzyl Acetate (CAS 140-11-4) 10 ppm

APPROPRIATE ENGINEERING CONTROLS:

Provide adequate ventilation as well as local exhaust at critical location. Do not subject to unnecessarily high temperatures during processing.

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 personal protective clothing to prevent skin contact.

Respiratory protection:

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

General hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after work. Do not eat, drink or smoke when using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Odor: Green, coconut, bamboo, vanilla bouquet

Odor threshold: N/A

pH: N/A

Melting point: N/A

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Boiling point: N/A

Flash point: 82.8 °C / 181 °F

Evaporation Rate (Butyl Acetate=1): N/A

Flammability (solid, gas): N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: 0.273 mmHg@20°C (calculated)

Vapor density (Air=1): N/A

Specific gravity (H₂O=1): N/A

Solubility in water: N/A

Partition coefficient: n-octanol/water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:

The product is stable under normal conditions. Stable under recommended storage conditions.

Possibility of hazardous reactions:

None under normal processing.

Conditions to avoid:

Temperature extremes and direct sunlight. Do not heat closed containers

Incompatible materials:

Strong oxidizing agents. Strong acids. Strong Bases.

Hazardous decomposition products:

No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:

2345 mg/kg

Acute inhalation toxicity:

1500 mg/l

Acute dermal toxicity:

4619 mg/kg

Skin corrosion/irritation:

No data available.

Serious eye damage/eye irritation:

No data available.

Respiratory or skin sensitization:

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No data available.

Mutagenicity:

No data available.

Reproductive toxicity:

No data available.

Carcinogenicity:

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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:

Toxic to aquatic life with long lasting effects.

Persistence and Degradability:

N/A

Bioaccumulation:

N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal instructions:

Dispose of contents/container in accordance with local regulations.

Local disposal regulations:

Dispose of contents/container in accordance with local 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:

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

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Contaminated packaging:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse container.

SECTION 14. TRANSPORTATION INFORMATION

IATA UN Number: 3082

IATA UN Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Benzyl benzoate AND 2-tert-Butylcyclohexyl acetate)

IATA Transport Hazard Class: 9

IATA Packing group: III

IATA Environmental Hazards:

IATA ERG Codes:

IATA Special Precautions:

IATA Other Information:

IMDG UN Number: 3082

IMDG UN Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Benzyl benzoate AND 2-tert-Butylcyclohexyl acetate)

IMDG Transport Hazard Class: 9

IMDG Packing Group: III

IMDG Environmental Hazards: Yes

IMDG EMS: F-A, S-F

IMDG Special Precautions:

IMDG Transport in Bulk:

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 MSDS. The user should review these regulations to ensure full compliance.