

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- **Product Name:** Birthday Candle
- **Model:** C0034

1.2 Relevant identified uses of the substance or mixture and uses advised against

- **Identified Uses:** Decoration
- **Uses Advised Against:** None specified

1.3 Details of the supplier of the safety data sheet

- **Company Name:** Shenzhen Oenus Trading Co., Ltd.
- **Address:** Huarun Garden A1-2, Fuda Town, Meixian District, Meizhou City, Guangdong Province,
- **Contact Person:** Sharon Lian
- **Telephone:** +86 13527638620
- **Email:** Shenzhen.oenus@hotmail.com

1.4 Emergency telephone number

- **Emergency Tel:** +86 13527638620

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- **Classification according to Regulation (EC) No 1272/2008 (CLP):**
 - This product is not classified as hazardous.

2.2 Label elements

- **Hazard pictograms:** Not applicable
- **Signal word:** Not applicable
- **Hazard statements:** Not applicable
- **Precautionary statements:**
 - **P102:** Keep out of reach of children.
 - **P210:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
 - **P370+P378:** In case of fire: Use appropriate media to extinguish.



2.3 Other hazards

- The product does not contain substances that are PBT or vPvB.
- Molten wax may cause burns upon contact with skin.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance	CAS Number	EC Number	Concentration (% w/w)	Classification Regulation (EC) No 1272/2008
Paraffin wax	8002-74-2	232-315-6	98%	Not classified
Additive AC6	—	—	2%	Not classified

Note: The exact identity and regulatory information for "Additive AC6" need to be specified for full compliance.



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SECTION 4: First aid measures

4.1 Description of first aid measures

General advice: If symptoms persist or in case of doubt, seek medical advice.

Inhalation: If fumes from overheating are inhaled, move to fresh air. If breathing difficulties occur, seek medical attention.

Skin contact: In case of contact with molten material, cool affected area with plenty of water. Do not remove solidified material. Seek medical attention for burns.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. If irritation persists, seek medical advice.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention if necessary.

4.2 Most important symptoms and effects, both acute and delayed

- Thermal burns from contact with molten material.
- Possible mild mechanical irritation to eyes and skin.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically. In case of burns, immediate medical attention is required.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- **Suitable extinguishing media:** Water spray, foam, dry chemical powder, carbon dioxide.
- **Unsuitable extinguishing media:** Do not use water jet as it may spread the fire.

5.2 Special hazards arising from the substance or mixture

- Combustion may produce harmful gases such as carbon monoxide and carbon dioxide.
- Risk of fire spread due to molten wax flow.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus and protective clothing.
- Cool adjacent containers with water spray to prevent overheating.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

- **For non-emergency personnel:** Avoid contact with molten material. Ensure adequate ventilation.
- **For emergency responders:** Use protective equipment as specified in Section 8.

6.2 Environmental precautions

- Prevent entry into waterways, sewers, or confined areas.

6.3 Methods and material for containment and cleaning up

- Allow molten material to cool and solidify.
- Collect mechanically and place in appropriate containers for disposal.

6.4 Reference to other sections

- For personal protection, see Section 8.
- For disposal considerations, see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use with adequate ventilation.



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- Avoid contact with molten material.
- Keep away from sources of ignition—No smoking.
- Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a cool, dry place away from direct sunlight.
- Keep away from heat sources and incompatible materials like strong oxidizers.

7.3 Specific end use(s)

- Intended for use as decorative birthday candles.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- **Occupational exposure limits:**
 - Paraffin wax fume:
 - **EH40 (UK):**
 - Long-term exposure limit (8-hour TWA): 2 mg/m³
 - Short-term exposure limit (15-minute): 6 mg/m³

8.2 Exposure controls

Engineering controls: Ensure adequate ventilation when melting the product.

Personal protective equipment:

- **Eye/face protection:** Safety goggles if there is a risk of eye contact with molten material.
- **Skin protection:**
 - **Hand protection:** Heat-resistant gloves when handling molten material.
 - **Body protection:** Protective clothing if necessary.
- **Respiratory protection:** Not required under normal conditions. Use appropriate respirator if ventilation is inadequate.

Environmental exposure controls: Prevent further leakage or spillage if safe to do so.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **Appearance:** Solid; colorful/orange candle
- **Odor:** Odorless
- **Odor threshold:** Not applicable
- **pH:** Not applicable
- **Melting point/freezing point:** 50–60 °C
- **Initial boiling point and boiling range:** >300 °C
- **Flash point:** >200 °C (Closed cup)
- **Evaporation rate:** Not applicable
- **Flammability (solid, gas):** Combustible solid
- **Upper/lower flammability or explosive limits:** Not determined
- **Vapor pressure:** Negligible at ambient temperature
- **Vapor density:** Not applicable
- **Relative density:** ~0.9 g/cm³ at 20 °C
- **Solubility(ies):** Insoluble in water; soluble in organic solvents



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- **Partition coefficient (n-octanol/water):** Not determined
- **Auto-ignition temperature:** >220 °C
- **Decomposition temperature:** Not determined
- **Viscosity:** Not applicable
- **Explosive properties:** Not explosive
- **Oxidizing properties:** Not oxidizing

9.2 Other information

- No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity

- Stable under recommended storage and handling conditions.

10.2 Chemical stability

- Stable at ambient temperatures.

10.3 Possibility of hazardous reactions

- None under normal processing.

10.4 Conditions to avoid

- Avoid excessive heat, open flames, and other sources of ignition.

10.5 Incompatible materials

- Strong oxidizing agents.

10.6 Hazardous decomposition products

- Thermal decomposition may produce carbon monoxide, carbon dioxide, and hydrocarbons.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity:**
 - **Oral:** Not expected to be harmful.
 - **Dermal:** Not expected to be harmful.
 - **Inhalation:** Not expected to be harmful.
- **Skin corrosion/irritation:** Molten material may cause thermal burns.
- **Serious eye damage/irritation:** May cause mechanical irritation.
- **Respiratory or skin sensitization:** Not expected to be a sensitizer.
- **Germ cell mutagenicity:** Not classified.
- **Carcinogenicity:** Not classified.
- **Reproductive toxicity:** Not classified.
- **STOT-single exposure:** Not classified.
- **STOT-repeated exposure:** Not classified.
- **Aspiration hazard:** Not applicable.

SECTION 12: Ecological information

12.1 Toxicity

- **Aquatic toxicity:** Not expected to be harmful to aquatic life.

12.2 Persistence and degradability



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- Expected to be inherently biodegradable.

12.3 Bioaccumulative potential

- Low potential for bioaccumulation.

12.4 Mobility in soil

- Low mobility due to solid state.

12.5 Results of PBT and vPvB assessment

- Components are not considered to be PBT or vPvB.

12.6 Other adverse effects

- No known significant effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- **Product:** Dispose of in accordance with local regulations. Incineration or landfill in compliance with applicable regulations.
- **Packaging:** Recycle where possible. Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

- Not applicable

14.2 UN proper shipping name

- Not applicable

14.3 Transport hazard class(es)

- Not applicable

14.4 Packing group

- Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- None known

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

- Not applicable

SECTION 15: Regulatory information

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

- **REACH Regulation (EC) No 1907/2006:** All ingredients are listed or exempt.
- **CLP Regulation (EC) No 1272/2008:** This product is not classified as hazardous.
- **RoHS Directive 2011/65/EU:** Compliant

15.2 Chemical Safety Assessment

- A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Abbreviations and acronyms:

- **AC6:** Additive component (specific identity needs to be provided)



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- **CAS:** Chemical Abstracts Service
- **CLP:** Classification, Labelling, and Packaging
- **EC:** European Community
- **EINECS:** European Inventory of Existing Commercial Chemical Substances
- **PBT:** Persistent, Bioaccumulative, and Toxic
- **vPvB:** Very Persistent and Very Bioaccumulative
- **STOT:** Specific Target Organ Toxicity
- **TWA:** Time-Weighted Average

Disclaimer:

The information in this Safety Data Sheet is based on the present state of our knowledge and on current EU and national laws. The product should not be used for purposes other than those shown in Section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in local rules and legislation.