

## Material Safety Data Sheet

Product Name: : CANDLES

Signed by Shanghai ICTS Group

Written by:

Monica Fan



Date: 02<sup>nd</sup> January, 2025

**Material Safety Data Sheet (MSDS)****Part 1 –Identification of the substance and of the company/undertaking****Identification on the label****/Trade name:** CANDLES**Purpose:** Birthday candle**Part 2 –Hazards Identification****Classification of the substance or mixture:****GHS label elements:** This product is not a hazardous substance or mixture.**Hazard Pictograms:** None.**Signal Word(S):** None.**Preventive instructions:****Waste disposal:** P501: This product and container shall be disposed in accordance with local, regional, national and international regulations.**Part 3 - Composition/information on ingredients****3.1 substance****3.2 mixture**

| Name         | CAS No.   | Content | CUS       |
|--------------|-----------|---------|-----------|
| Paraffin wax | 8002-74-2 | 100%    | 0113546-2 |

**Part 4 –First aid measures****4.1 Description of first aid measures:****In case of skin contact:** Normal contact conditions do not cause special hazards and do not require first aid measures. If you feel unwell, see a doctor.**In case of eyes contact:** Wash immediately with plenty of water for more than 15 minutes. If you wear contact lenses and they are easy to remove, remove them. Carefully clean the inside of the eyelids. Get medical attention immediately.**In case of ingestion:** Gargle. Do not induce vomiting. If you feel unwell, see a doctor.**In case of inhalation:** Transfer the patient to fresh air and rest in a comfortable breathing position.

Shanghai ICTS Inspection Center, Ltd

Tel: +86-21-60345500

Fax: +86-21-60919230

E-mail: info@ictsgroup.cn

Web: www.ictsgroup.cn

Report No.: ICTS20210716MOE/597

If you feel unwell, please call the detoxification center or doctor / doctor.

#### 4.2 The most important symptoms and effects, both acute and chronic

No data is available.

#### 4.3 Signs of need for immediate medical treatment and special treatment

Symptomatic treatment.

### Part 5 - Fire-Fighting measures

**Suitable Extinguishing Media:** Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemicals. Chemical foam.

**Hazardous Characteristics:** No information available.

**Specific methods:** Wear self-contained positive breathing apparatus and safety protective clothing to avoid contact with skin and eyes. Put out the fire upwind.

### Part 6 –Accidental release measures.

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

**Personal precautions, protective equipment and emergency procedures:** Ensure adequate ventilation.

**Environmental precautions:** See section 12 for more ecological information.

**Methods and materials for containment and cleaning up:** Sweep up and vacuum up spillage and collect in suitable container for disposal.

**Refer to other sections:** For information on safe operation, refer to section 7.  
For information on personal protective equipment, see Section 8.  
See section 13 for disposal information.

### Part 7 - Handling and storage

**Handling:** Avoid contact with skin and eyes. Do not breathe dust.

**Storage:** Keep container tightly closed in a dry, cool and well-ventilated place.

### Part 8 - Exposure control/personal protection

#### Occupational exposure limits:

| Name         | C.A.S. No | Source     | Control parameter                                                 |
|--------------|-----------|------------|-------------------------------------------------------------------|
| Paraffin wax | 8002-74-2 | China      | TWA: 2 mg/m <sup>3</sup><br>STEL: 4 mg/m <sup>3</sup>             |
|              |           | Britain    | STEL: 6 mg/m <sup>3</sup> 15 min<br>TWA: 2 mg/m <sup>3</sup> 8 hr |
|              |           | ACGIH      | TWA: 2 mg/m <sup>3</sup>                                          |
|              |           | OSHA PEL   | (Vacated) TWA: 2 mg/m <sup>3</sup>                                |
|              |           | NIOSH IDLH | TWA: 2 mg/m <sup>3</sup>                                          |

**Engineering controls:** None under normal conditions of use.

Shanghai ICTS Inspection Center, Ltd

Tel: +86-21-60345500

Fax: +86-21-60919230

E-mail: info@ictsgroup.cn

Web: www.ictsgroup.cn

Report No.: ICTS20210716MOE/597

**Individual protection measures, such as personal protective equipment:**

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye protection:</b>                | Goggles or safety glasses.                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Respiratory system protection:</b> | <p>It is not necessary to use protective equipment under normal conditions of use.</p> <p>Use in large / emergency situations:</p> <p>If exposure limits are exceeded or if irritation or other symptoms occur, use NIOSH / MSHA or EU standard EN 136 approved respirator</p> <p>Recommended filter type: Particulate filter</p> <p>Small scale / lab use:</p> <p>Maintain good ventilation</p> |
| <b>Body protection:</b>               | Long-sleeved shirt.                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Hand protection:</b>               | Protective gloves.(Natural rubber EN 374)                                                                                                                                                                                                                                                                                                                                                        |

**Part 9 - Physical and chemical properties**

|                                                     |                           |
|-----------------------------------------------------|---------------------------|
| <b>Appearance :</b>                                 | Solid.                    |
| <b>Color:</b>                                       | polychrome.               |
| <b>Odor:</b>                                        | Characteristic odor.      |
| <b>Odor threshold:</b>                              | Not applicable.           |
| <b>Molecular weight:</b>                            | Not applicable.           |
| <b>Molecular formula:</b>                           | Not applicable.           |
| <b>Molar mass:</b>                                  | Not applicable.           |
| <b>PH:</b>                                          | Not applicable.           |
| <b>Density:</b>                                     | Not applicable.           |
| <b>Melting point/range (°C):</b>                    | Not applicable.           |
| <b>Boiling point (°C):</b>                          | Not applicable.           |
| <b>Solidification point:</b>                        | Not applicable.           |
| <b>Flash point:</b>                                 | Not applicable.           |
| <b>Auto-ignition temperature:</b>                   | Not applicable.           |
| <b>Ignition temperature:</b>                        | Not applicable.           |
| <b>Ignition point:</b>                              | Not applicable.           |
| <b>Flammability:</b>                                | Not applicable.           |
| <b>Upper/lower flammability or explosion limit:</b> | Not applicable.           |
| <b>Decomposition temperature:</b>                   | Not applicable.           |
| <b>Relative density (Water=1) :</b>                 | Not applicable.           |
| <b>Relative density (Air=1) :</b>                   | Not applicable.           |
| <b>Volume density:</b>                              | Not applicable.           |
| <b>Solubility:</b>                                  | It is insoluble in water. |
| <b>Vapor pressure:</b>                              | Not applicable.           |
| <b>Vapor density:</b>                               | Not applicable.           |
| <b>Volatilization rate:</b>                         | Not applicable.           |
| <b>Viscosity:</b>                                   | Not applicable.           |
| <b>Solid content:</b>                               | Not applicable.           |
| <b>VOC content:</b>                                 | Not applicable.           |



**Part 10 - Stability and reactivity**

|                                            |                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------|
| <b>Stability:</b>                          | Stable under normal use.                                                  |
| <b>Reaction:</b>                           | The product is stable under normal temperature and pressure.              |
| <b>Conditions to be avoided:</b>           | Incompatibility.                                                          |
| <b>Incompatibility:</b>                    | Strong oxidant.                                                           |
| <b>Possibility of dangerous reactions:</b> | In case of fire, it will decompose into harmful substances. -Carbon oxide |
| <b>Decomposition products:</b>             | Carbon oxide.                                                             |

**Part 11 -Toxicological information****Information on toxicological effects:**

|                                                                   |                                                                                                                                                                                                  |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute toxicity:</b>                                            | <b>Paraffin wax:</b><br>LD50 Oral-Rat-Male and Female -> 5,000 mg/kg<br>(OECD Test Guideline 401)<br>LD50 percutaneous-rabbit -> 3,600 mg/kg                                                     |
| <b>Skin irritation or corrosion:</b>                              | <b>Paraffin wax:</b><br>Skin-Rabbit<br>Result: No skin irritation-4 h<br>(OECD Test Guideline 404)<br><b>Stearic acid:</b><br>Skin-Rabbit<br>Result: No skin irritation<br>(24-hour patch test.) |
| <b>Eye irritation or corrosion:</b>                               | <b>Paraffin wax:</b><br>Eyes-Rabbit<br>Result: No eye irritation-1 S<br>(OECD Test Guideline 405)<br><b>Stearic acid:</b><br>Eyes-rabbit<br>Result: No eye irritation                            |
| <b>Respiratory sensitization:</b>                                 | No data available.                                                                                                                                                                               |
| <b>Skin sensitization:</b>                                        | <b>Paraffin wax:</b><br>Maximum response test-guinea pig<br>Result: Does not cause skin irritation.<br>(OECD Test Guideline 406)                                                                 |
| <b>Germ cell mutagenicity:</b>                                    | <b>Paraffin wax :</b><br>Ames test<br>Salmonella typhimurium<br>Result: negative                                                                                                                 |
| <b>Carcinogenicity:</b>                                           | No data available.                                                                                                                                                                               |
| <b>Reproductive toxicity:</b>                                     | No data available.                                                                                                                                                                               |
| <b>Specific target organ system toxicity - single exposure:</b>   | No data available.                                                                                                                                                                               |
| <b>Specific target organ system toxicity - repeated exposure:</b> | No data available.                                                                                                                                                                               |
| <b>Aspiration hazard:</b>                                         | No known significant effects or critical hazards.                                                                                                                                                |

**Part 12 –Ecological information**

|                                         |                                                                                    |
|-----------------------------------------|------------------------------------------------------------------------------------|
| <b>Acute toxicity:</b>                  | No data available.                                                                 |
| <b>Persistence and degradability:</b>   | No data available.                                                                 |
| <b>Bioaccumulative potential:</b>       | No data available.                                                                 |
| <b>Mobility in soil:</b>                | No data available.                                                                 |
| <b>PBT and vPvB assessment results:</b> |                                                                                    |
| <b>PBT:</b>                             | No data available.                                                                 |
| <b>vPvB:</b>                            | No data available.                                                                 |
| <b>Other adverse effects:</b>           | No harmful effects in finished shape. Avoid powder product release to environment. |

**Part 13–Disposal considerations**

|                                |                                                                                                              |
|--------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Waste treatment methods</b> | Please refer to the requirements of relevant laws and regulations of your country or region before disposal. |
| <b>Packaging:</b>              | Please refer to the requirements of relevant laws and regulations of your country or region before disposal. |

**Part 14 - Transport information**

|                                         |                                                  |
|-----------------------------------------|--------------------------------------------------|
| <b>Land transport (ADR/RID)</b>         |                                                  |
| <b>UN Number:</b>                       | Not restricted(non-hazardous for transportation) |
| <b>UN proper shipping name:</b>         | Not restricted(non-hazardous for transportation) |
| <b>Transport hazard class(es):</b>      | Not restricted(non-hazardous for transportation) |
| <b>Packing group</b>                    | Not restricted(non-hazardous for transportation) |
| <b>Secondary risk:</b>                  | Not restricted(non-hazardous for transportation) |
| <b>Inland waterways transport (ADN)</b> |                                                  |
| <b>UN Number:</b>                       | Not restricted(non-hazardous for transportation) |
| <b>UN proper shipping name:</b>         | Not restricted(non-hazardous for transportation) |
| <b>Transport hazard class(es):</b>      | Not restricted(non-hazardous for transportation) |
| <b>Packing group</b>                    | Not restricted(non-hazardous for transportation) |
| <b>Secondary risk:</b>                  | Not restricted(non-hazardous for transportation) |
| <b>Marine transport (IMDG)</b>          |                                                  |
| <b>UN Number:</b>                       | Not restricted(non-hazardous for transportation) |
| <b>UN proper shipping name:</b>         | Not restricted(non-hazardous for transportation) |
| <b>Transport hazard class(es):</b>      | Not restricted(non-hazardous for transportation) |
| <b>Packing group</b>                    | Not restricted(non-hazardous for transportation) |
| <b>Secondary risk:</b>                  | Not restricted(non-hazardous for transportation) |
| <b>International teansport</b>          | Carton+pallet                                    |



Report No.: ICTS20210716MOE/597

**regulations:**

**Packing mark:** according to customer requirements

**IATA**

**UN Number:** Not restricted(non-hazardous for transportation)

**UN proper shipping name:** Not restricted(non-hazardous for transportation)

**Transport hazard class(es):** Not restricted(non-hazardous for transportation)

**Packing group** Not restricted(non-hazardous for transportation)

**Secondary risk:** Not restricted(non-hazardous for transportation)

**Environmental hazards:** No.

**Special transport methods and precautions:** Magnetic shielding when air transport

**IMO/IMDG:** Not regulated

### Part 15 –Regulation information

This safety data sheet complies with the requirements of Regulation (EC) No 1272/2008 [EU-GHS/CLP]

**GHS Labelling Elements:** Classification and labelling are carried out according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

**Chemical safety assessment**

For this mixture, no chemical safety assessment has been carried out.

### Part 16 –Other information

**MSDS Tabulation Date:** 02<sup>nd</sup> January, 2025

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

vPvB: very Persistent and very Bioaccumulative

Shanghai ICTS Inspection Center, Ltd

Tel: +86-21-60345500

Fax: +86-21-60919230

E-mail: info@ictsgroup.cn

Web: www.ictsgroup.cn

This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

END OF REPORT.