

## SAFETY DATA SHEET

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

**1.1 Product identifier:** The Candedust Orange candle sand

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

**Product uses:** Indoor Candle

**1.3 Details of the Supplier of the safety data sheet:**

Candedust OÜ

Aiandi tee 19/1, Viimsi alevik, Viimsi vald, 74001 Harju maakond

Tel.: +372 55531334

Hello@thecandedust.com

[www.TheCandedust.com](http://www.TheCandedust.com)

**1.4 Emergency telephone number**

**Emergency phone:** 112 or 16662

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

**Classification under Regulation (EC) No 1272/2008 (CLP)**

Physical hazards: Not Classified

Health hazards: Not Classified

Environmental hazards: Not Classified

**2.2 Label elements**

**Classification under Regulation (EC) No 1272/2008 (CLP)**

**Hazard pictograms:** No pictogram required

**Hazard statement(s):**

This product does not contain any substances classified as PBT or vPvB.

**2.3 Other hazards:**

This product does not contain any substances classified as PBT or vPvB.

**SECTION 3: Composition/information on ingredients**

---

**3.1 Substances:**

Not applicable.

**3.2. Mixtures:****Contains:**

Chemical name	EC No	CAS No	%	Classification under Regulation (EC) No 1272/2008
Fatty acids, C16-18	266-928-5	67701-03-5	99%	Not classified

**SECTION 4: First aid measures**

---

**4.1 Description of first aid measures:****Skin exposure:**

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Contaminated work clothing should not be allowed out of the workplace.

**Inhalation:**

This product does not contain substances that are classified as dangerous by inhalation, but if symptoms of poisoning appear, remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:**

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 advice/attention.

Always consult a doctor as soon as possible after cleaning and show the safety data sheet of the corresponding product.

**Ingestion:**

Rinse mouth with water and obtain medical attention. Always consult a doctor as soon as possible and show the safety data sheet of the corresponding product. Do not induce

vomiting, but if this occurs, hold the head up to prevent suffocation. If unconscious, do not give anything by mouth unless otherwise directed by your doctor.

**4.2 Most important symptoms and effects, both acute and delayed:**

No specific symptoms known.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Not observed. See section 4.1. Description of first aid measures.

**5. SECTION 5: Firefighting measures**

---

**5.1 Extinguishing media:**

**Suitable extinguishing media:** Carbon dioxide, Dry chemical, Foam. The product is not flammable under normal conditions of storage, handling, and use. If ignited due to improper handling, storage or use, it is recommended to extinguish with polyvalent powder extinguishers (ABC powder), according to the legislation on fire extinguishing systems.

**Unsuitable extinguishing media:**

It is not recommended to use tap water.

**5.2 Special hazards arising from the substance or mixture:**

Specific hazards: None known.

Hazardous combustion products: Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

**5.3 Advice for firefighters:**

Special protective equipment: In case of insufficient ventilation, wear suitable respiratory equipment.

**SECTION 6: Accidental release measures**

---

**6.1 Personal precautions, protective equipment, and emergency procedures:**

Avoid inhalation.

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Keep unprotected persons away from the work area.

Eliminate all sources of ignition.

See protective measures under Section 7 and 8.

**6.2 Environmental precautions:**

Keep away from drains, surface and ground water, and soil.

**6.3 Methods and material for containment and cleaning up:**

Reuse or recycle products wherever possible. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

**6.4 Reference to other sections:**

Also refer to sections 8 and 13.

**SECTION 7: Handling and storage**

---

**7.1 Precautions for safe handling:**

Avoid contact with skin and eyes.

Keep away from heat, sparks, open flames and hot surfaces.

No smoking.

Use personal protective equipment as required.

Use in accordance with good manufacturing and industrial hygiene practices.

Use in areas with adequate ventilation.

To ensure safe use, read the instructions for use on the label before handling.

General occupational hygiene requirements: Do not eat, drink, or smoke while working. Wash your hands before breaks and after finishing work.

**7.2 Conditions for safe storage, including any incompatibilities:**

There are no specific storage requirements.

Store in the temperature range of 10-25°C.

Keep out of the reach of children.

**SECTION 8: Exposure controls/personal protection**

---

**8.1. Control parameters**

Not applicable.

**8.2. 2 Exposure Controls****- Eye / Face Protection**

Wear protective gloves/eye protection/face protection.

Ensure that there is an opportunity to wash your eyes in the work area.

Work clothes must be washed regularly.

**- Hand Protection**

Protective gloves must be selected according to their suitability for the workplace in question: according to the chemicals that may be handled. Nitrile rubber gloves are recommended. Gloves should be replaced immediately at the first signs of wear and tear.



**- Respiratory Protection**

Avoid direct inhalation.

Ensure that adequate and ongoing ventilation is maintained to prevent the buildup of excessive vapor and to ensure occupational exposure limits are adhered to.

Also refer to Sections 2 and 7.

**- Environmental exposure controls**

Avoid release to the environment.

**SECTION 9: Physical and chemical properties**

---

**9.1 Information on basic physical and chemical properties**

**Physical state:** Waxy crystalline solid

**Odor:** Characteristic odor of the product

**Color:** White

**Melting point/freezing point:** 50-60°C (Typical)

**Boiling point or initial boiling point and boiling range:** >300°C @ 760mm Hg

**Flammability:** Not applicable \*

**Lower and upper explosion limit:** Not applicable \*

**Flash point:** >200°C

**Auto-ignition temperature:** >250°C

**Decomposition temperature:** Not applicable \*

**pH:** Not applicable

**Kinematic viscosity:** Not applicable \*

**Solubility:** not soluble in water at 20°C

**Partition coefficient n-octanol/water (log value):** Not applicable \*

**Vapour pressure:** >1.0 mm Hg @ 165°C

**Density and/or relative density:** Approx 0.85 g/ml at 75°C

**Relative vapour density:** Not applicable \*

**Auru suhteline tihedus:** Not applicable \*

**Particle characteristics:** Not applicable \*

\*Not relevant due to the nature of the product, no information on the nature of the hazards.

**SECTION 10: Stability and Reactivity**

---

**10.1 Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

**10.2 Chemical stability:**

Good stability under normal storage conditions.

**10.3 Possibility of hazardous reactions:**

Not expected under normal conditions of use.

**10.4 Conditions to avoid:**

Avoid extreme heat. Keep at room temperature 10-25°C.

**10.5 Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidizing agents, absorbents.

**10.6 Hazardous decomposition products:**

Not expected.

## **SECTION 11: Toxicological information**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**A-Acute Toxicity:** Based on available data the classification criteria are not met.

Acute Toxicity Oral - Based on available data the classification criteria are not met.

Acute Toxicity Dermal - Based on available data the classification criteria are not met.

Acute Toxicity Inhalation - Based on available data the classification criteria are not met.

**B-Skin corrosion/irritation:** Based on available data the classification criteria are not met.

**C-Serious eye damage/irritation:** Based on available data the classification criteria are not met.

**D-Respiratory or skin sensitisation:** Based on available data the classification criteria are not met.

**E-Germ cell mutagenicity:** Based on available data the classification criteria are not met.

**F-Carcinogenicity:** Based on available data the classification criteria are not met.

**G-Reproductive toxicity:** Based on available data the classification criteria are not met.

**H-STOT-single exposure:** Based on available data the classification criteria are not met.

**I-STOT-repeated exposure:** Based on available data the classification criteria are not met.

**J-Aspiration hazard:** Based on available data the classification criteria are not met.

#### **Information on other hazards:**

Not applicable.

#### **Specific information on substances presents in the mixture:**

<b>Chemical name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
Fatty acids, C16-18 CAS: 67701-03-5	>5000 mg/kg bw (OECD 401; Analogy CAS 57-10-3, CAS 57-11-4, CAS 112- 85-6)	> 2000 mg/kg bw (Analogy CAS 57- 11-4)	>0.1521 mg/L (IhT; Analogy CAS 124- 07-2)
9,10-Anthracenedione, 1,4-diamino-, N,N'- mixed 2-ethylhexyl and 3-[(2- ethylhexyl)oxy]propyl and 3-methoxypropyl derivs CAS: 90170-70-0	> 2000 mg/kg bw	Not applicable	Not applicable
3H-Pyrazol-3-one, 2,4- dihydro-5-methyl-2- phenyl-, 4-[(4-C7-17- branched alkylphenyl)azo] derivs. CAS: 97660-72-5	> 2 000 mg/kg bw	Not applicable	Not applicable

**SECTION 12: Ecological information**

Experimental information on the ecotoxicological properties of the mixture is not available.

**12.1 Toxicity:**

Chemical name	Aquatic algae/ cyanobacteria	Fish	Microorganics	Aquatic invertebrates
Fatty acids, C16-18 CAS: 67701-03-5	No effects	No effects on fish up to the limit of water solubility	No effects	No effects
9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl and 3-[(2-ethylhexyl)oxy]propyl and 3-methoxypropyl derivs CAS: 90170-70-0	No effects	No effects	No effects	No effects
3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-2-phenyl-, 4-[(4-C7-17-branched alkylphenyl)azo] derivs. CAS: 97660-72-5	No effects	No effects	No effects	No effects

**12.2 Persistence and degradability:**

Identification	Biodegradability
9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl and 3-[(2-ethylhexyl)oxy]propyl and 3-methoxypropyl derivs CAS: 90170-70-0	Product was estimated to be not readily biodegradable.
3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-2-phenyl-, 4-[(4-C7-17-branched alkylphenyl)azo] derivs. CAS: 97660-72-5	Product was estimated to be not readily biodegradable.

**12.3 Bioaccumulative potential:**

In conclusion, fatty acids are considered no real risk to aquatic organisms from their bioconcentration and biomagnification properties. The bioconcentration factors of fatty acids are generally below the level of concern. Hence, no classification to chronic hazardous to environment needs to be assigned.

**12.4 Mobility in soil:**

Chemical name	Absorption/desorption		Volatility	
	Log Koc		Henry	
Fatty acids, C16-18 CAS: 67701-03-5		1.02 for azelaic acid (C9) up to 4.71 for stearic acid (C18)	Henry	Volatilisation is not expected to be a significant transport process or dissipation route for fatty acids in the environment.
9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl and 3-[(2-ethylhexyl)oxy]propyl and 3-methoxypropyl derivs CAS: 90170-70-0	Koc	74 760 000	Henry	Not applicable
3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-2-phenyl-, 4-[(4-C7-17-branched alkylphenyl)azo] derivs. CAS: 97660-72-5	Koc	Not applicable	Henry	Not applicable

**12.5 Results of PBT and vPvB assessment:**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Endocrine disrupting properties:**

The product does not meet the criteria to endocrine disrupting properties.

**12.7 Other adverse effects:**

Not applicable.

**SECTION 13: Disposal considerations**

---

**13.1 Waste treatment methods**

Dispose of it in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**SECTION 14: Transport Information**

---

**14.1. UN number:** Not classified according to RID, ADR, IMDG, IATADGR.

**14.2. UN proper shipping name:** Not classified according to RID, ADR, IMDG, IATADGR.

**14.3. Transport hazard class(es):** Not classified according to RID, ADR, IMDG, IATADGR.



**14.4. Packing group:** Not classified according to RID, ADR, IMDG, IATADGR.

**14.5. Environmental hazards:** Not environmentally hazardous for transport

**14.6. Special precautions for users:** Not classified according to RID, ADR, IMDG, IATADGR.

**14.7. Maritime transport in bulk according to IMO instruments:** Not classified

## **SECTION 15: Regulatory information**

---

### **15.1 Safety, health and environmental regulations/legislation specific for the**

Information on classification and labeling is given in Section 2. The following regulation has been used:

- Regulation (EC) No. 1272/2008

### **15.2 Chemical Safety Assessment:**

No chemical safety assessment has been performed.

## **SECTION 16: Other information**

---

### **Standards for safety data sheets:**

This safety data sheet has been prepared in accordance with Regulation (EC) No. 122/2008 (CLP).

### **Legend to abbreviations and acronyms used in the safety data sheet:**

Not relevant.

### **Section 2 classifications under Regulation (EC) No 1272/2008 (CLP):**

P102: Keep out of the reach of children.

EUH208: Contains 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-2-phenyl-, 4-[(4-C7-17-branched alkylphenyl)azo] derivs, 2-Naphthalenol, 1-[2-[2-ethyl-4-[2-(2-ethylphenyl)diazenyl]phenyl]diazenyl]-, ar-heptyl derivs. May produce an allergic reaction.

### **Section 3 classifications under Regulation (EC) No 1272/2008 (CLP):**

Skin sens. 1B H317 - Sensitization - Skin Category 1B

Aquatic Chronic 4 H413 – Hazardous to the Aquatic Environment - Long-term Hazard Category 4

### **Classification method:**

Not applicable

### **Literature references and sources for data:**

<https://echa.europa.eu/>

<https://eur-lex.europa.eu/homepage.html>

### **Key to abbreviations:**

ADR: European agreement concerning the international carriage of dangerous goods by road.

IMDG: International maritime code for dangerous goods.

RID: International carriage of dangerous goods by rail.

IATA: The International Air Transport Association.

ICAO: International civil aviation organization.

COD: Chemical oxygen demand

BOD5: Daily BOD5 pollution load

BCF: bioconcentration factor

LD50: lethal dose 50

LC50: lethal concentration 50

EC50: half-maximal effective concentration 50

Log POW: octanol-water partition coefficient

Koc: organic carbon partition coefficient

UFI: The unique formula identifier

IARC: The International Agency for Research on Cancer

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.