SAFETY DATA SHEET

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

1.1 Product identifier: SCENTED CANDLE DIAMOND DUST
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:

Candledust OÜ
Kaluri tee 5, Viimsi alevik, Viimsi vald, 74001 Harju maakond
Tel.: +372 56577222
hello@thecandledust.com
www.thecandledust.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):
P102: Keep out of the reach of children.
EUH208: Contains Linalool, Eugenol. May produce an allergic reaction.

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	90-<100%	Not classified
Mica	310-127-6	12001-26-2	0,1-<1%	Not classified
Eugenol	202-589-1	97-53-0	0,1-<1%	Skin Sens. 1B – H317
Linalool	201-134-4	78-70-6	0,1-<1%	Skin Irrit. 2 – H315 Skin Sens. 1B – H317

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
Workplace exposure limits:

Chemical name	STD	TWA - 8 Hrs
Mica CAS: 12001-26-2	Workplace Exposure Limit	0,8 mg/m3

DNEL(Workers):

		Short-term exposure limit		Long-term exposure limit	
Chemical name	**Route of exposure**	**Acute effects systemic**	**Acute effect local**	**Chronic effects**	**Chronic effects local**
Linalool CAS: 78-70-6	Oral Dermal Inhalation	Not applicable Not applicable Not applicable	Not applicable Not applicable Not applicable	Not applicable 3,5 mg/kg 24,58 mg/m³	Not applicable Not applicable Not applicable

DNEL(Consumers):

		Short-term exposure limit		Long-term exposure limit	
Chemical name	**Route of exposure**	**Acute effects systemic**	**Chemical name**	**Route of exposure**	**Acute effects systemic**
Linalool CAS: 78-70-6	Oral Dermal Inhalation	Not applicable Not applicable Not applicable	Not applicable Not applicable Not applicable	2,49 mg/kg 1,25 mg/kg 4,33 mg/m³	Not applicable Not applicable Not applicable

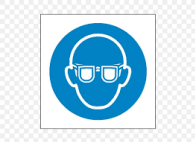
PNEC:

Identification				
Linalool CAS: 78-70-6	STP The soil Intermittent Oral	10 mg/L 0,327 mg/kg 2 mg/L 0,0078 g/kg	Fresh water Marine water Sediment (fresh water) Sediment (marine water)	0,2 mg/L 0,02 mg/L 2,22 mg/kg 0,222 mg/kg

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: 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:

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
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)
Linalool CAS: 78-70-6	2790 mg/kg bw	5610 mg/kg bw	LC50 >3.2 mg/L
Eugenol CAS: 97-53-0	> 2,000 mg/kg bw, rat > 1,500 - <3,000 mg/kg bw, mouse	Not applicable	> 2.6 mg/L, rat

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
Linalool CAS: 78-70-6	96h EC50 156.7 mg/l	96h LC50 for Salmo gairdneri is 27.8 mg/l	EC50 is > 100 mg/l	48h EC50 59 mg/L
Eugenol CAS: 97-53-0	72h ErC50 24 mg/L 72h NOEC 23 mg/L	96 h LC50 *Danio rerio* 13 mg/L	Not applicable	48h EC50 1.13 mg/L

12.2 Persistence and degradability:

Product is readily biodegradable.

Chemical name	Degradability		Biological degradation	
Linalool CAS: 78-70-6	BOD5 Code BOD5/COD	Not applicable Not applicable Not applicable	Concentration Time % Biological degradation	100 mg/L 28 80%

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.

Chemicl name	Bioaccumulative potential	
Linalool CAS: 78-70-6	BCF Pow log Potentsial	- 2.97 -

Eugenol CAS: 97-53-0	log Kow of ≤3 and it is readily biodegradable.

12.4 Mobility in soil:

Chemical name	Absorption/desorption		Volatility	
Fatty acids, C16-18 CAS: 67701-03-5	Log Koc	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 rout for fatty acids in the environment.

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 Linalool, Eugenol. May produce an allergic reaction.

Section 3 classifications under Regulation (EC) No 1272/2008 (CLP):
Skin Irrit. 2 H315 – Skin Corrosion / Irritation- Category 2
Skin sens. 1B H317 - Sensitization - Skin Category 1B

Classification method:
Skin Sens. 1B: Calculated

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.