# SAFETY DATA SHEET

**In accordance with REACH Regulation (EC) No 1907/2006, as amended by Regulation (EU) 2020/878**

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance/preparation and company/undetaking

Trade name: **SAND WAX**

Chemical description: octadecanoic acid

1.2 Relevant identified uses of the substance / preparation and undesirable uses

1.2.1 Relevant identified uses

Industrial, lubricants, personal care, cleaners, detergents, soap, textile, additives, rubber additives

1.2.2 Undesirable uses

No further information available

1.3 Supplier details

Geomar Concept SRL

Contact@ceara-soia.ro / contact@fragrancesforcandles.com

1.4 Emergency telephone number

+40725864869

## 2. IDENTIFICATION OF HAZARDS

2.1 Classification of the substance or mixture

**Classification according to Regulation (EU) Nº.1272/2008 (CLP), according to Regulation (EU) 2015/830, 2020/878 (Annex II of REACH)**

Not classified

**Adverse physico-chemical, human health and environmental effects**

No further information available

2.2 Label elements

**Labelling according to Regulation (EC) Nº 1272/2008 (CLP)**

Labelling not applicable

2.3 Other dangers

This substance does not meet the PBT/vPvB criteria

This substance does not have endocrine disrupting properties

According to the manufacturer's current knowledge and if handled correctly, the product will not cause risks to human health and the environment. Handle in accordance with good industrial safety practices.

## 3. COMPOSITION / INFORMATION OF THE INGREDIENTS

3.1 Substances

Not aplicable

3.2 Mixtures

| Trade name | Identifiers | Classification |
|---|---|---|
| **STEARIC ACID** | CAS Number: 57-11-4<br>EC Number: 200-313-4<br>INCI name: STEARIC ACID<br>REACH Number: 01-2119543894-28 | Classification according to the Regulation (CE) nº1272/2008. Not classified |
| **PALMITIC ACID** | CAS Number: 57-10-3<br>EC Number: 200-312-9<br>INCI name: PALMITIC ACID<br>REACH Number :01-2119538235-41 | Classification according to the Regulation (CE) nº1272/2008. Not classified |
| **MYRISTIC ACID** | CAS Number 544-63-8<br>EC Number: 208-875-2<br>INCI name: MYRISTIC ACID<br>REACH Number: N/A | Classification according to the Regulation (CE) nº1272/2008. Not classified<br>0-1% |
| **ARACHIDIC ACID** | CAS Number: 506-30-9<br>EC Number: 208-031-3<br>INCI name: ARACHIDIC ACID<br>REACH Number: 01-2119968569-14 | Classification according to the Regulation (CE) nº1272/2008. Not classified<br>0-1% |

## 4. FIRST AID MEASURES

4.1 Description of first aid

4.1.1 General: Change all contaminated clothes.
4.1.2 After inhalation: Move person to fresh air. In case of discomfort consult a doctor.
4.1.3 After skin contact: Wash with plenty of soap and water. If irritation occurs and persists, consult a doctor. In case of burns by contact with hot material, cool the material adhered to the skin as quickly as possible with water and consult a doctor.
4.1.4 In case of contact with eyes: Rinse with plenty of water, holding eyelids wide apart. If irritation persists, consult an ophthalmologist.
4.1.5 If swallowed: If the person is conscious, rinse mouth with water. Do not induce vomiting without medical advice.

4.2 Main acute and delayed symptoms and effects

| | |
|---|---|
| Symptoms/effects: | Not considered hazardous under normal conditions of use. |
| Symptoms/effects after inhalation: | None expected. |
| Symptoms/effects after skin contact: | None expected. |
| Symptoms/effects after ingestion: | Gastrointestinal discomfort. Repeated ingestion of the product is considered a highly unlikely route of exposure if working under adequate occupational health and hygiene conditions. |
| Symptoms/effects after administration: | Likely routes of exposure: skin and eyes |
| Chronic symptoms: | None known |

4.3 Indication of any medical care and special treatment to be given immediately

Treat symptomatically. Any ingredient in significant proportion according to the criteria set out in Regulation 1272/2008 is mentioned in section 3.2 of this MSDS. Seek urgent medical attention.

## 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

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|---|---|
| Suitable extinguishing media: | Water. Water spray, powder and foam (carbon dioxide (CO2)) |
| Unsuitable extinguishing media: | None |

5.2 Specific hazards arising from or in the mixture

Incomplete combustion can generate dangerous gases (carbon monoxide, carbon dioxide).
Non-flammable, Non-explosive. Exposure to temperature above flash point (196°C)

5.3 Recommendations for fire-fighting personnel

| | |
|---|---|
| Fire precautions: | Stop leak, if safe to do so. |
| Instructions for extinguishing the fire: | Fight fire from a reasonable distance, taking normal precautions. |
| Protection during fire-fighting: | Do not intervene without suitable protective equipment. |

5.4 Further information

Prevent extinguishing water from contaminating surface water or groundwater system. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. Collect contaminated extinguishing water separately. Do not discharge into drains.

## 6. MEASURES IN CASE OF ACCIDENTAL SPILLAGE

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing. Avoid contact with skin and eyes. Do not ingest or inhale.

6.2 Environmental precautions

Prevent material from entering surface water or sanitary sewer system. Do not discharge directly into a water source. If accidental release occurs or waste enters drains or watercourses, contact the local Environmental Agency.

6.3 Methods and material for containment and cleaning up

In case of small spills, absorb with absorbent material and shovel up with a shovel. Then finish cleaning the affected area with abundant water at high pressure. In case of large spills it is recommended to confine the spill area with absorbent material and collect the maximum amount of product by pumping into suitable containers. Then clean the affected area with plenty of water at high pressure.

6.4 Reference to another section

For personal protection see section 8. For disposal see section 13.

## 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Technical measures/precautions: provide good ventilation (local exhaust) of the work area, safety showers and eye wash station near the workplace. Avoid release to the environment. Wear personal protective equipment (see section 8). Keep away from heat, sparks, flames and other sources of ignition. Use grounded equipment.
General occupational hygiene: Do not eat, drink or smoke in work areas. Wash hands after each use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including possible incompatibilities

7.2.1 Technical measures and storage conditions: Store in a cool, dry place. Avoid direct sunlight. Store in the completely closed original container in order to avoid over-oxidation. Keep away from oxidizing agents and combustible material.
7.2.2 Storage and container requirements: Store dry and in tightly closed original containers. Store in a well-ventilated place. Handling temperatura: 0-30ºC
7.2.3 Storage incompatibility: Do not store together with food, beverages and feedstuffs.

7.3 Specific end uses

For all known uses of the product so far, the handling and storage recommendations are as indicated in the previous subsections.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Components with occupational exposure limits: No further information available
Occupational exposure limits: No further information available

8.2 Exposure control

8.2.1 Appropriate engineering controls: General ventilation is recommended. Ensure good ventilation when handling in confined spaces.
8.2.2 Personal protective equipment

| | |
|---|---|
| Appropriate engineering controls: | Keep exposure to a minimum. |
| Environmental exposure controls: | Do not release directly into the environment. |

Personal protective measures, such as personal protective equipment:

| | |
|---|---|
| Respiratory protection: | Not required under normal conditions of use and with good ventilation. |
| Hand protection: | Chemical resistant gloves. Suitable material: Polyvinyl chloride (PVC) / latex / vinyl / nitrile rubber / rubber. Breakthrough time: not determined. |
| Eye protection: | Glasses with side shields or full fase shield in case of splashes. |
| Skin and body protection: | Use “standard” work clothing. |

8.2.3 Control of environmental exposure
Avoid spillage and seepage into the subsoil. Avoid contamination of watercourses and discharge of the product into sewage systems.
A safety shower and eyewash should always be available in the area where the product is handled. Wash your hands and body areas exposed to the product before drinking, eating, using toilets and at the end of the work period. Be aware of your exposure to the product used in your workplace and act responsibly to avoid contaminating other areas. Try to acquire good hygienic habits, consult your company manager for assistance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Appearance (25ºC): | Solid (flakes, pearls or powder) |
| Odour: | Characteristic |

| | |
|---|---|
| pH (25º): | Not applicable |
| Freezing point (ºC): | 53-60ºC |
| Flash point (ºC): | 196ºC |
| Vapour pressure (174ºC): | 1mmHg |
| Specific gravity: | 0.840 |
| Viscosity: | Not applicable |
| Boiling temperature (ºC): | Not applicable |
| Flammability: | Non-flammable |
| Explosive properties: | Non-explosive |
| Solubility in water: | undetermided |
| Partition coefficient n-octanol/water (Log Kow): | undetermined |

9.2 Other information

No further information is available.

## 10. STABILITY AND REACTIVITY

10.1 Reactivity

Under normal storage conditions there is no known risk of reactivity.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Direct sunlight, humidity, temperatures above ambient temperature.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide

## 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) nº 1272/2008

Non-toxic product
Acute toxicity: No acute toxicity is expected in relation to the product. (LD50 oral rat: >10g/kg Stearic Acid and Palmitic Acid)
Chronic toxicity: No potential chronic health effects need to be considered.
Information on likely routes of exposure

| | |
|---|---|
| Inhalation: | No known acute effects under normal conditions of use. |
| Dermal contact: | No known effect |
| Eye contact: | No known effect |
| Ingestion: | No known acute effects under normal conditions of use. |
| CMR effects: | Non-carcinogenic, non-mutagenic, non-toxic for reproduction. |

11.2 Additional toxicological information

11.2.1 Endocrine disrupting properties: This substance has no endocrine disrupting properties.
11.2.2 Other information: If used correctly, no risks to human health are known or to be expected.

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data have been developed on this subject. This product is not soluble in water , and is not expected to cause an adverse environmental effect.

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|---|---|
| Short-term hazard (acute) to the aquatic environment: | Not classified |
| Long-term (chronic) hazard to the aquatic environment: | Not classified |

12.2 Persistence and degradability

Biodegradation: readily biodegradable

12.3 Bioaccumulative potential

No data / Information available

12.4 Movility on the ground

No data / Information available

12.5 Results of the PBT and vPvB assessment

This mixture of substances is not considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties

This substance has no endocrine disrupting properties.

12.7 Other adverse effects

No data / Information available

## 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

| | |
|---|---|
| Waste treatment methods: | According to local and national regulations. Use only authorised transporters and disposers for disposal. Do not allow material to contaminate ground water system. Do not contaminate surface water. Observe the same precautions during handling as recommended in sections 7 and 8 of this Safety Data Sheet. Refer to section 2 of this Safety Date Sheet. |

## 14. TRANSPORT INFORMATION

In accordance with ADR/IMDG/IATA/ADN/RID

| | |
|---|---|
| 14.1 UN number (ADR) : | Not regulated for transport. |
| 14.2 UN porper shipping name: | Not regulated for transport. |
| 14.3 Transport Hazard classes: | Not regulated for transport. |
| 14.4 Packing group: | Not regulated for transport. |
| 14.5 Environmental hazards: | Not regulated for transport. |
| 14.6 Special precautions for user: | Not regulated for transport. |

## 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulation/legislation applicable to the substance or mixture

Regulation (EC) nº 1272/2008 (CLP): Not classified as hazardous, labelling not applicable.
Does not contain substance subject to restrictions according to REACH Annex XVII.
Does not contain any substance included in the REACH Candidate List ≥ 0.1% / SCL.
It does not contain any substances listed in Annex XIV of REACH.
Does not contain any substances subject to Regulation (EU) nº 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals.
Does not contain any substances subject to Regulation (EU) nº 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

15.2 Chemical Safety Assessment

A chemical safety assessment is not required for this substance.

## 16. OTHER INFORMATION

This safety data sheet supplements the specification sheet but does not constitute a guarantee of product properties and is not a contractual legal statement. The information is given in good faith on the basis of our best knowledge of the product. However, we cannot accept any liability for consequences arising from its use.
We warn users of the potential risks incurred when the product is used for purposes other than those for which it was originally intended.
It is the responsibility of the user, during handling, storage and use of the product, to consult the main regulatory texts in force concerning the protection of workers and the environment.