SECTION 1 Identification of the substance/mixture and of supplier

1.1 Product information

Group of Chemicals : Vegetable Wax
Product name : Kerzensand

1.2 Supplier

Kerzensand / Peter Theiler
Derner Straße 78
59174 Kamen
Tel.: +49 2307 2611280
Email: info@original-kerzensand.com

SECTION 2 Hazard identification

2.1 Classification of the substance or mixture

Product is non-hazardous.

2.2 Label elements

None.

2.3 Others

None.

SECTION 3 Composition/information on ingredients

Chemical Name	Formula	CAS No	EC No
Hexadecanoic/Octadecanoic Acid	C16H32O2+C18H36O2	67701-03-5	266-928-5

SECTION 4 First aid measures

4.1 Description of first aid measures

After eye contact : Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

After skin contact : Wash skin with soap and water upon contact. Remove contaminated clothing. If irritation develops, get medical attention. Wash clothing before reuse.

After inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

After ingestion : If swallowed, do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

SECTION 5 Firefighting measures

5.1 Suitable (and unsuitable) extinguishing media

Use dry powder, water spray, foam, carbon dioxide for extinguishing. Avoid using large quantities of water.

5.2 Specific hazards arising from the chemical

Irritating and highly toxic gases may be generated by thermal decomposition or combustion.

5.3 Special protective equipment and precautions for fire-fighters

Wear a self-containing breathing apparatus and full protective gear.

SECTION 6 Accidental release measures

6.1 Personal precautions, environmental precaution

Use rubber gloves, air respirator, goggles, safety shoes and lab coat. Remove contaminated clothing and wash hands between breaks and at end of duty hours. Locate eye washes and emergency showers in all work and storage areas.

6.2 Methods and material for containment and cleaning up

Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water & detergents. Observe state, federal & local disposal regulations.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Use in well ventilated areas. Avoid creating dust. Avoid inhaling dust. Avoid contact with skin eyes and clothes. Wear personal protective equipment. Wear respiratory protection. Material can be slippery underfoot.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from drains, soils, surface & ground waters. Store in tightly closed original container when not in use. Storage area should be cool and dry. Keep away from ignition sources & naked flames. Store according to hazard classification.

7.3 Recommended handling temperature

Refer to heating instruction

SECTION 8 Exposure controls/personal protection

8.1 Exposure limit

No additional information available

8.2 Appropriate engineering controls

Use normal precautionary measures for handling chemicals.

8.3 Individual protection measures

Personal protective equipment : Wear air respirator, goggles, protective gloves, protective clothing, safety shoes.

8.4 Other protective measures

Employees must practice good personal hygiene, washing exposed areas of skin several times daily.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: Waxy, white crystalline solid
Boiling point	: >300 ºC @ 760mm Hg
Melting Point	: 50-60˚C (Typical)
Density	: Approx 0.85 g/ml at 75˚C
Particle Size Distribution	: Not applicable
Vapor Pressure	: >1.0 mm Hg @ 165ºC
Partition coefficient	: Not available
Water Solubility	: Not available
Surface Tension	: Not available
Auto Ignition Temperature	: >250 ºC
Flammability	: Not available
Flash point	: >200 ºC
Viscosity	: Not available
Explosiveness	: Not available
Oxidizing Properties	: Not available
Stability in organic solvent	: Not available
Dissociation constant	: Not available

9.2 Other information

No additional information available

SECTION 10 Stability and reactivity

10.1 Chemical stability

Not available.

10.2 Incompatible materials and condition to avoid

Oxidant. Extreme heat, cold or direct fire.

10.3 Hazardous decomposition products

None known.

10.4 Hazardous polymerization

Not available.

SECTION 11 Toxicology information

11.1 Information on toxicological effects

Acute toxicity	: Not available
Skin corrosion/irritation	: Not Available
Serious eye damage/eye irritation	: Not available
Respiratory or skin sensitization	: Not available
Germ cell mutagenaticity	: Not available
Carcinogenicity	: Not available
Reproductive toxicity	: Not available
Specific target organ toxicity (single exposure)	: Not available
Specific target organ toxicity (repeated exposure)	: Not available

Aspiration hazard	: Not available
Potential health effects	
Inhalation	: Not available
Ingestion	: Not available
Skin	: Not available
Eyes	: Not available

11.2 Signs and symptoms of exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12 Ecological information

12.1 General information

Toxicity	: Not available
Persistence and degradability	: Readily biodegrable
Bioaccumulative potential	: Not available
Mobility in soil	: Not available
Other adverse effects	: Not available

12.2 Persistence and degradability

Readily biodegradable.

SECTION 13 Disposal considerations

13.1 Appropriate methods of disposal

Waste may be disposed of by a licensed waste disposal company. Follow local, state and federal disposal regulations.

13.2 Precautions for disposal

Product and packaging should be disposed of in accordance with the local, state, and federal regulations.

SECTION 14 Transport information

UN Number	**:** Not available
UN proper shipping name	: Not available
Transport hazard classes	: Not hazardous according to RID/ADR, GGVS/GGVE, ADNR, IMDG, ICAO-TI/IATA-DGR.
Packing group	: Not available
Environmental hazard	:
Marine pollutant	: No

SECTION 15 Regulatory information

Industrial safety and health law	: Not available
Toxic chemical control law	: Not available
Dangerous substance safety management law	: Not available
Wastes management law	: Not available

Other regulations in domestic and foreign countries

Observe prescribed federal, state, and local measures for dealing with chemicals listed on EINECS (EU), TSCA-CSI (USA), DSL (Canada), AICS (Australia), ENCS (Japan), ECL (Korea), PICCS (the Philippines) and IECSC (China).

SECTION 16 Other information

This information presented here is believed to be accurate and pertains only to the product when stored in a sealed condition, as prescribed above. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product. Manufacturer shall in no way be liable for any claims, losses and damages of any third party, or for lost profits, or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, from the use of this product.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product and no responsibilities are accepted for accuracy of information contained in the text.

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