

MSDS 096 Paraffin Wax 5105

Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

1. Identification of the Substance/Preparation and of the Company/undertaking

- | | | |
|-----|--------------------|-------------------|
| 1.1 | Product Identifier | Paraffin Wax 5105 |
| 1.2 | Uses | Various |
| 1.3 | Supplier | |

Phone:

E-Mail:

Internet:

- | | | |
|-----|------------------|--|
| 1.4 | Emergency Advice | The preparation is not dangerous in the sense of Regulation 1272/2008 EC ("CLP" - superseding Directives 67/548/EEC and 1999/45/EC). |
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2. Hazards Identification

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|-----|----------------|--|
| 2.1 | Classification | |
|-----|----------------|--|

3. Composition/Information on Ingredients

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|-----|----------------------------|---|
| 3.1 | Substance | |
| | <u>Composition:</u> | Solid saturated hydrocarbons, molecular formula C_nH_{2n+2} |
| | <u>CAS NO:</u> | 8002-74-2 |
| | <u>EINECS NO:</u> | 232-315-6 |

4. First Aid Measures

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|-----|----------------------------|--|
| 4.1 | First Aid measures | Adhere to personal protective measures when giving first aid. |
| 4.2 | Important symptoms/effects | none declared |
| 4.3 | Immediate treatment | No special measure necessary. |
| | In case of skin contact | Cool aggrieved spots with cold, running water in the event of burns
Refer for medical treatment. |
| | In case of eye contact | In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment. |
| | In case of ingestion | Do not induce vomiting. |

5. Fire-fighting Measures

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|-----|---|---|
| 5.1 | Suitable extinguishing media | Foam - Dry powder - Carbon dioxide |
| | (unsuitable extinguishing media) | Water |
| 5.2 | Special exposure hazards | |
| | In the event of fire the following can be released: | Carbon monoxide (CO)
Carbon dioxide (CO ₂) Smoke |
| 5.3 | Advice for fire-fighters | Use breathing apparatus with independent air supply (isolated).
Cool endangered containers with water spray jet. |

6. Accidental Release Measures

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|-----|---------------------------|--|
| 6.1 | Personal precautions | Remove persons to safety. |
| 6.2 | Environmental precautions | Do not discharge into the drains/surface waters/groundwater. |
| 6.3 | Methods for cleaning up | Avoid dust formation. Take up mechanically. |
| 6.4 | other sections | No reference |



7. Handling and Storage

7.1 Advice on safe handling

7.2 Advice on storage

7.3 Specific end uses

Keep away from ignition sources - no smoking
Avoid the formation and deposition of dust.
In case of special conditions product may dust-explode. Protect from light.
Protect from heat and direct solar radiation.
Store container at cool and aired place.
No reference

8. Exposure Control/Personal Protection

8.1 Exposure Controls

Eye protection

Skin protection

General protective measures

Hygiene measures

Safety goggles with side protection
Protective clothing
Do not inhale dust/fumes/aerosols.
Observe general regulations concerning hygiene at work.
At work do not eat, drink and smoke.
Wash hands before breaks and after work.

9. Physical and Chemical Properties

Physical state: At room temperature solid.

Colour: White/whitish

Odour: Practically odourless

pH-value: Aqueous extract: Neutral

Congealing range (DIN-ISO 2207): > 40°C

Flash point (DIN-ISO 2592): >150°C

Lower explosion limit:

Paraffin dust/powder: > 15 g/m³

Upper explosion limit:

Paraffin dust/powder: > 1000 g/m³

Vapour pressure at 20°C: < 0.01 hPa

Density at 20°C (DIN 51757): About 900 kg/m³

Solubility at 20°C

- in water: Practically insoluble

- in chlorinated hydrocarbons: Soluble

- in benzene: Limited solubility

Viscosity at 100°C (DIN 51562): 2.5 - 10 mm²/s

10. Stability and Reactivity

10.1 Reactivity

10.2 Chemical Stability

10.3 Hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition

No declaration

Stable

No declaration

Avoid intensive contact with strong oxidants

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

Incompatible with strong oxidising agents.

No decomposition if used as directed.

11. Toxicological Information

11.1 Toxicological effects

LD50 (Oral, rat) > 2g/kg

12. Ecological Information

12.1	Toxicity	EC50 >100mg/l (Pseudomonas putida – 16 hrs)
12.2	Persistence and degradability	Material is bio-degradable.
12.3	Bio accumulative potential	No declaration
12.4	Mobility in soil	No declaration
12.5	PBT/vPvB results	No declaration
12.6	Other adverse effects	No declaration

13. Disposal Considerations

13.1	Waste disposal methods	Disposal in accordance with local regulations.
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14. Transport Information

14.1-7	Transport/further information	No hazardous material as defined by RID/ADR-ADNR-IATA-IMDG
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15. Regulatory Information

15.1	Specific SHE regulation information	The product does not require a hazard warning label in accordance with EC directives/regulations on dangerous substances.
	Inventory Status: Included in - EU: USA : And others	EINECS TSCA
15.2	Chemical Safety Assessment	No declaration

16. Other Information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Issue Authorised By Dr. Andrew Coupland

25 February 2020