



北京东科联合技术有限公司

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Material Safety Data Sheet

1) Identification of the substance/preparation and the company:

Name of goods: FULLY REFINED PARAFFIN WAX
MELTING POINT: 58-60 DEG. C,
OIL CONTENT: 0.5 PCT MAX

Producer: BEIJING DONGKE UNITED TECHNOLOGIES CO.,LTD

Supplier: BEIJING DONGKE UNITED TECHNOLOGIES CO.,LTD

Address: ROOM 918, FLOOR 9, BUILDING 2, NO. 22 GUANGHUA ROAD
CHAOYANG DIST. BEIJING, CHINA

Tel: 0086-10-58695969

2) Composition/information on ingredients:

| Ingredients | CAS | %Weight in product |
|--|-----------|--------------------|
| Paraffin waxes(Petroleum), Hydrotreated | 8002-74-2 | 100 |

3) Hazard Identification:

Emergency Overview

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

| | | |
|---|----------|--|
| Hazard identification: | | none |
| Certical hazards to man and the environment | solid | none |
| | liquid | May cause burns |
| Short-term contact | solid | No hazards |
| | liquid | May cause burns |
| Eye contact | solid | No hazards |
| | liquid | The hot fluid may cause damage to the eyes |
| Skin contact | powder | May be irritating |
| | solid | No hazards |
| inhalation | liquid | The hot fluid may cause burns |
| | solid | No hazards |
| | Liquid) | Inhalation of paraffin wax vapours or |
| | Powder) | powder-particles may cause respiratory tract |



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| | | |
|-----------|--------|---|
| Ingestion | solid | irritation |
| | liquid | No hazards, see point 11 toxicology |
| | | Because of the temperature may cause burns on contact with mouth/oesophagus/stomach |

4) First Aid measures:

| | | |
|---------------------|--------|---|
| Immediate measures: | solid | none |
| | liquid | Same action as in case of burn |
| Eye contact | liquid | Flush eyes with cold water. Seek medical attention |
| Skin contact | liquid | Immerse the area in water to assist cooling, apply sterile cover. Seek medical attention. |
| inhalation | | Not applicable |
| Ingestion | | May cause damage only in liquid (hot) state. |
| | | Same action as in case of burns. |
| Advice to physician | | See above |

5) Fire-fighting measures:

| | |
|---|---|
| Suitable extinguishing media | CO ₂ , foam, dry chemical powder, sand |
| Extinguishing media which must be used for safety reasons | Water |
| Special exposure hazards arising from the substance, its combustion products, resulting gases | Incomplete combustion produces fumes, flue gases, carbon monoxide |
| Special protective equipment | Breathing protection independent of the ambient air |
| Additional information | Apply cold water in order to cool containers and environment exposed to danger. |

Special Information:

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

6) Accidental release measures:

| | | |
|----------------------|--------|-------------------------------|
| Personal precautions | solid | Not applicable |
| | liquid | Avoid contact with hot liquid |



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| | | |
|---------------------------|---------------------|--|
| Environmental precautions | Solid) Liquid) | Keep away from drains and surface water |
| Method of cleaning up | solid liquid | Not applicable Contain the product, allow to cool and remove mechanically |
| Additional Instructions | solid liquid | Not applicable Inform authorities in the case of leakage of large amounts |

7) Handling and Storage:

Handling

| | | |
|---|---------------------------|--|
| Instructions for safe handling | solid | There are no special regulations Usual handling of solid transport goods |
| | liquid | Usual precautions for handling fluids. Consider common hygiene measures for handling chemical substances |
| Instructions for prevention of fire and explosion | solid liquid powder | None Prevent aerosol generation during pumping Danger (of explosion) adopt measures to prevent dust-explosion; (see point 9) |

Storage

| | | |
|---|---|--|
| Requirements for storage rooms and conditions | Slabs/) powder/) pastilles) Liquid | Store under cool, dry and light protected conditions Storage tanks have to be installed and managed according to official regulations |
| Information on storage concerning incompatible substances | | Liquid material is not allowed to contain water at temperatures above 100 °C (delay in boiling) |
| Additional information | | See point 10=stability and reactivity |

8) Exposure controls/ Personal protection:

Exposure limits

Ensure good ventilations when processing at elevated temperatures.

Personal protection



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| | | |
|------------------------|--------|--------------------------------|
| Respiratory protection | solid | none |
| | liquid | Works in well ventilated rooms |
| Hand protection | solid | None |
| | liquid | Wear rubber or leather gloves |
| Eye protection | solid | None |
| | liquid | Wear safety goggles |
| Body protection | solid | None |
| | liquid | Wear protective clothing |

9) Physical Properties:

| | | |
|---------------------------------------|---|--------------------|
| Physical state: | White waxy solid. Above the melting point, liquid. | |
| Color (Saybolt) Min | +30 | ASTM D156 |
| Odour | 1 | |
| Melting point: | 58-60°C | ASTM D87 |
| Oil content Wt% | 0~0.5 | ASTM D721 |
| Needle Penetration 1/10mm (25°C) | 15 Max | ASTM D1321 |
| FDA | Passed | 172.886 78.3710 |
| Mechanical Impurity and Water | Negative | Observation |
| Acid and Alkali with Water solubility | Negative | SH/T0407 |

10) Stability and reactivity:

| | | |
|-------------------------|----------------------|--|
| Condition to avoid | liquid | High temperature, open flames, other sources |
| Material to avoid | Solid/) Liquid) | Avoid contact with strong oxidizing agents |
| Hazardous decomposition | | Carbon dioxide, carbon monoxide |

11) Toxicological information:

Toxicological information

Summary

There is no evidence for toxic effects to experimental animal of paraffin wax

Carcinogenicity

no evidence

---NTP Carcinogen---

Ingredient

Paraffin Wax (8002-74-2)



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| | |
|---------------|------|
| Known | No |
| Anticipated | No |
| IARC Category | None |

12) Ecological Information:

| | |
|-------------------------|-----------------------|
| Environmental Fate: | No information found. |
| Environmental Toxicity: | No information found. |

13) Disposal considerations:

Where possible, arrange for product to be recycled. Dispose of via an authorized/licensed waste disposal contractor in accordance with local regulations. Do not dispose of near ponds, ditches, down drains or onto soil. Dispose of product and container carefully and responsibly.

14) Transport Information:

Not classified as hazardous for transport in solid form.

15) Regulatory Information:

Not classified as hazardous for supply.

16) Other Information:

Disclaimer:

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