

1. Identification of the substance and company

Identification of the substance or preparation

Product name Marble Wax
 Product code DPW-00010
 Use Paraffin wax / base component for candle making

Identification of the supplier

Company Gildewerk B.V.
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 The Netherlands
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2. Composition/information on ingredients

Chemical characterisation:

Mixture of saturated fatty acids and paraffin wax
 Paraffin wax: **CAS number:** 64742-51-4, 8002-74-2
EINECS number: 265-154-5, 232-315-6
 Fatty acid: **CAS number:** listed
EINECS number: listed

Hazardous ingredients: None

3. Hazards identification

EEC-labelling: None

Potential dangers to health and environment:

Solid: None

Liquid: May cause burns as a result of the temperatures

Powder/vapour: May be irritating to the respiratory system

4. First-aid measures

Solid: None

Liquid: Same action to be taken as in the case of burns

Inhalation:

Powder/vapour: Take affected person to fresh air

Eye contact:

Liquid: Seek medical attention immediately

Skin contact:

Liquid: After contact with molten product remove soaked clothing immediately and cool the skin quickly with cold water. Consult a doctor if necessary. Do not pull solidified product from skin.

When swallowed:

Liquid: Same action to be taken as in the case of burns.

5. Fire-fighting measures

Suitable extinguishing media:

Carbon dioxide, foam, dry powder, sand

Extinguishing media that must not be used for safety reasons: Water

Special exposure hazards arising from the substance, its combustion products or from resulting gases:

In the case of fire, combustion gases are formed: Carbon monoxide (CO), carbon dioxide (CO₂), smoke

Special protective equipment for firefighting:

Use self-contained breathing apparatus

Additional information:

Cool endangered containers externally with water

Fire class according to DIN-EN 2: B

6. Accidental release measures

Personal precautions:

Liquid: Remove persons to safety

Environmental precautions:

Solid/liquid: Do not allow to enter drains, surface water or groundwater

Methods for cleaning up:

Liquid/solid: Allow to solidify / remove mechanically

Additional information:

Liquid: In case of the leakage of a large amount inform the responsible authorities

7. Handling and storage

Handling

Hints on safe handling:

No special measures necessary if used correctly.

Hints for protection against fire and explosion:

Product mist/dust can form an explosive mixture when in contact with air

Storage

Requirements for storage rooms and containers:

Solid: Store under cool, dry and light protected conditions

Liquid: Store in heatable tanks/containers.

Prolonged storage 20°C above the congealing point may interfere with product quality

Additional instructions for technical installations:

Liquid: Install containers in such a way, that filling containers is carried out without aerosol formation; earth containers well, prevent ignition sources.

Additional information:

Liquid: Product is not allowed to contain water at temperatures above 100°C (delay in boiling).

VCI storage class: 11

8. Exposure controls / personal protection

Ingredients with occupational exposure limits which should be monitored:

1. Germany/Switzerland/Austria:

There is no MAK-value for this product

2. Germany:

For aerosols and fine dust MAK-value of 6 mg/m³ has to be adhered to.

3. USA

TLV-value for paraffin vapours: 2 mg/m³

Personal protective equipment:

Hand protection:

Liquid: Heat resistant gloves

Eye protection:

Liquid: Safety goggles

Body protection:

Liquid: Protective clothing

Additional information:

When exceeding Maximum Work Place Concentration (MAK-value) for fine dust use appropriate breathing apparatus

9. Physical and chemical properties

Physical state: At room temperature solid
Colour: White/whitish
Odour: Slightly fatty-like
Congealing range (DIN-ISO 2207): 49 – 60 °C
Flash point (DIN-ISO 2592): > 205 °C
Lower explosion limit:
Product dust/powder: > 15 g/m³
Upper explosion limit:
Product dust/powder: > 1000 g/m³
Vapour pressure at 20°C: < 0,01 hPa
Density at 20°C (DIN 51 757): 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 51 562): 4,0 – 6,0 mm²/s

10. Stability / reactivity

Conditions to avoid:
Under normal conditions no hazardous reactions likely
Material to avoid: Strong oxidising agents
Decomposition products:
In case of oxygen access oxidations may occur.

11. Toxicological information

The preparation has not been tested. Due to the composition no adverse effects on health are to be expected when used properly.

12. Ecological information

This product is insoluble in water. It can be removed mechanically in a purification plant.
Mobility: In solid state the product cannot be dispersed into the environment. In liquid state, when discharged into the environment, the product spreads out over the surface and solidifies.
Information on elimination (persistence and degradability):
The product is inherently biodegradable
Fish toxicity: Non-toxic

13. Disposal considerations

Product: The product may be thermally employed
GERMANY:

Can be disposed off after consultation with the responsible authorities according to the following waste disposal codes (European Waste Catalogue):

<u>EWC-Code</u>	<u>Description</u>
07 01 99	Wastes not otherwise specified
07 06 08	Other still bottoms and reaction residues
07 06 99	Wastes not otherwise specified
12 01 12	Spent waxes and fats

Packaging:

Pallets: Can be returned to supplier via the haulier/ forwarding agent
Cartons: Cartons with the "Resy" symbol may be returned to the associated used paper collecting point
Paper bags: Paper bags containing the "Repa-Sack"-symbol and "Chemical Classification 4" may be returned to the associated used paper collecting point
Big-Bags: Re-usable packaging can be returned to supplier
Drums: Drums can be returned to supplier

14. Transport information

(ADR/RID; BinSchV/ADNR/ADN; IMDG/GGVSee; ICAO-TI und IATA-DGR):
Products like this one are not hazardous goods at temperatures < 100°C.
In case of transport of liquids with temperatures of ≥100°C hazardous goods class 9, number 20c
UN: 99/3257 applies
IMDG-Code: 9027-1
Powder/pastilles transport: At temperatures above 25 °C cold transport is recommended

15. Regulatory information

The product does not require a hazard warning label in accordance with the EEC directives

National regulations

Germany:
Classification according to VbF: Not applicable
TA Luft:
Threshold limit value TA Luft 150 mg/m³
Mass flow 3 kg/h or more
Substance class III, amendment E
Water hazard class (WGK): Not water endangering substance according to Annex I VwVwS (self-assessment according to VCI programme)
StörfallVO: Not applicable for paraffin wax

16. Other information

None

This safety data sheet contains only safety related information. For specific data see product data sheet.

Although the information contained herein is presented in good faith and to the best of Gildewerk's knowledge and experience, it is made without any warranty or guarantee whatsoever.

In case any questions should arise please call the number given in point 1.