

**1. Identification of substance preparation and the company**

## IDENTIFICATION OF SUBSTANCE OR COMPOUND:

Product	Beeswax white
Productcode	BIJ-00007
Use	Chemical industry, candle, polish.

## IDENTIFICATION OF PRODUCER:

Supplier	Gildewerk B.V. Jan van Geunsweg 10A 2031 BD Haarlem The Netherlands Tel. +31 - (0)23 - 532 22 55 Fax +31 - (0)23 - 534 09 65 E-mail holland@gildewerk.com www.gildewerk.com
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**2. Composition/information on ingredients**

Raw material for production or for further processing

## CONTAINS:

Ingredient	EINECS Nr.	CAS Nr.	Classification
Beeswax	232-383-7	8012-89-3	

**3. Hazards**

Risk of skin burns caused by hot melt.

**4. Firstaid measures**

General information	Take away contaminated clothes.
In case of eye contact	In case of contact with eyes, rinse immediately thoroughly with plenty of water.
In case of eye irritation	Consult an ophthalmologist.
In case of skin contact	In case of contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin.
In case of inhalation	Move affected person into fresh air, keep warm and allow to rest. In case of respiratory tract irritation, consult a physician.
In case of ingestion	Rinse mouth thoroughly with water.
Information to physician	No data available.

**5. Fire fighting measures**

Suitable extinguishing media	Sand, foam, dry powder, carbon dioxide (CO <sub>2</sub> )
Extinguishing media which must not be used for safety reasons	Water
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:	
In case of fire may be liberated	Carbon dioxide, Nitro oxides (NO <sub>x</sub> ), soot and other organic products.
Special protective equipment for fire fighters	In case of fire: Wear self-contained breathing apparatus
Additional information	Use water spray to protect personnel and to cool endangered containers.

**6. Accidental release measures**

Personal	Wear breathing apparatus if exposed to vapour/dusts/aerosols.
Spillage	Do not allow to drains, water courses or soil.
Cleaning procedures	Allow product to cool down and solidify. Collect in suitable containers for recycling or disposal. Please look disposal considerations.

**7. Storage and handling**

Safe handling advice	Avoid forming of wax vapour/fume. If this is not possible provide proper air ventilation; if necessary use suction plant.
Advice on protection against fire and explosion	Steps against electrostatic charges should be provided. Product may only form ignitable compositions or burn, if heated up to temperatures higher than flashpoint.
Requirements for storage areas and containers	Only use containers specially approved for the substance/product. Keep storage place cool and dry.
Materials to avoid	Strong oxidizing agents.
Further information on storage conditions	Keep in cool, well ventilated place.
Fire class	B
Storage class VCI:	II (burnable solids)

**8. Exposure controls/personal protection**

Engineering measures	In case of thermal processing, provide for extraction of vapours or adequate ventilation.
Respiratory protection	Respiratory protection is necessary at aerosol or mist formation, use mask of filter types A2, A2/P2 or ABEK.
Hand protection	Hand protection in accordance to other used chemicals. Hand protection is recommended. Use protective skin cream regulatory.
Eye protection	Eye glasses with side protection
Body protection	If contact with hot product is possible, please wear heat resistant and flame retardant protective clothing.
Hygiene measures	Usual precautions for proper handling of chemicals should be observed. After work, before meal breaks, clean wax soiled skin by water and emollient cleaning agent/soap. Avoid inhalation of wax fume.

**9. Physical and chemical properties**

Form	Solid
Odour	Low, typical
Color	White
pHvalue	Not applicable
Drop point	50 - 70 °C (DIN ISO 2176)
Boiling temperature / boiling range	Undetermined
Vapour pressure	Undetermined
Density at 20°C (DIN 53217)	Approx. 0,93 g/cm <sup>3</sup>
Solubility in Water at 20°C	Insoluble
Viscosity at 120°C (DIN 53019)	< 50 mPas
Flash point: (DIN ISO 2592)	> 150 °C
Ignition temperature	Not available

**10. Stability and reactivity**

Conditions to avoid	No hazardous reactions known.
Materials to avoid	Reactions with strong oxidizing agents.
Hazard decomposition products	No hazardous decompositions products known.

**11. Toxicological information**

Non- human toxicological data	
Acute oral toxicity	LD50 (rat) > 2000 mg/kg
Additional information	Data obtained by analogy e.g. QSAR.

**12. Ecological information**

Ecotoxicity	No data available.
Behaviour in environmental compartments	Technically correct releases of minimal concentrations to adapted biological sewage plant, will not disturb the biodegradability of activated sludge.
Further information	Do not allow uncontrolled discharge of product into the environment.

**13. Disposal conditions**

Product	With respect to local regulations, e.g. dispose of to suitable waste incineration plant.
Waste designations in accordance with EWC	
Waste key number	No waste key number as per the European Waste types List can be assigned to this product, since such classification is based on the (as yet undetermined) use to which the product is put by the consumer. The waste key number must be determined as per the European Waste Types List (decision on EU Waste Types List 2000/532/EC) in cooperation with the disposal firm/producing firm/official authority.
Empty packages	Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of.

**14. Transport information**

ADR/RID	Non-restricted
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**15. Regulatory information**

Labelling in accordance to EC-directive	The product does not require a hazard warning label in accordance to 67/548/EWG and 1999/45/EC.
National regulation	Please check local regulation and contact administration.
Water hazard class Classification	n.w. no water endangering; in accor. to VwVwS, Annex I.

**16. Other information**

Recommended restrictions on use	Not heated up to temperatures higher than flashpoint.
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The information in this safety data sheet is based on the properties of the material known to Gildewerk B.V. at the time the datasheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances under which it is packed, stored or applied in the workplace. For such safety assessment Gildewerk B.V. holds no responsibility. This document is not intended for quality assurance purposes.