

Safety data sheet

According to EC Regulation No. 1907/2006 (REACH), 830/2015

Compilation date: 10/01/2019

Version 1.0

Revision date:

1 Identification of the product/blend and of the company**1.1 Product identifier:**

Trade name: Beeswax
Product name: beeswax
CAS number: 8012-89-3
EINECS: 232-383-7

1.2 Relevant identified uses of the substance/blend and uses not recommended:

Uses:

Candles, coatings, cosmetic, lubricants, wood, rubber, plastic, etc.

Not recommended
uses: Not available.

1.3 Information provided by:

Evricom Ltd
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2 Hazards identification:**2.1 Classification of the substance or blend****Product definition : UVCB**

Classification according to EC Regulation No. 453/2010 : Not classified

Classification according to EC Regulation No. 1272/2008 [CLP/GHS]: Not classified
See Section 16 for the full text of the eventual R phrases or hazard indications.
See Section 11 for more detailed information on health effects.

2.2 Labelling elements:

Labelling according to EC Regulation No. 1272/2008 [CLP/GHS]: Not classified
Hazard symbols : None
Warnings for packing : None
Nature of the specific risks (R phrases): None
Precautionary suggestions (S phrases): None

2.3 Other hazards

Product not meeting the criteria for PBT classification, according to EC Regulation No. 1907/2006, Annex XIII:
P: Not available, B: Not available, T: not.
Product not meeting the criteria for vPvB classification, according to EC Regulation No. 1907/2006, Annex XIII:
Not available

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3 Composition / information on the ingredients

Substance/blend: UVCB

Product name/ ingredient	Identification numbers	%	Classification	Type
Beeswax	CAS number: 8012-89-3	100		

Type : [*] Substance, [A] Constituent, [B] Impurity, [C] Stabilizing additive

4 First-aid measures

4.1 Description of first aid measures

Inhalation:

Move the victim to an open-air space and keep him/her at rest in a position comfortable for breathing. Consult a doctor.

Contact with skin:

Wash the skin with water and soap, then rinse carefully. In case of contact and/or solidification of the melted product on the skin, ask for medical assistance if burns are present.

Contact with eyes:

Wash immediately and carefully with plenty of water. Check the presence of contact lenses. Consult a doctor.

Ingestion:

Wash out the mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Consult a doctor.

4.2 Main symptoms and effects, both acute and hoarding

Significant effects not known. Hot wax may cause burns.

4.3 Indication of any immediate medical attention and special treatments needed

Contact a Poison Control Center immediately if large quantities of product have been ingested or inhaled.

5 Fire-fighting measure

5.1 Fire-fighting method

Suitable fire-fighting method: CO2, powders, foam or water spray.

Unsuitable fire-fighting method: do not use a water jet.

5.2 Special dangers arising from the product or blend

The product may ignite at high temperature or if in contact with very hot surfaces.

The product may release carbon dioxide and carbon monoxide as a consequence of thermal decomposition.

5.3 Advice for firefighters

Firefighters must wear fire-resistant protective equipments, including protective gloves and helmet and self-breathing apparatus.

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6 Measures in case of accidental leakage

6.1 Personal precautions, protective equipments and emergency procedures:

For non-emergency personnel: do not touch or walk through spilled material; wear the appropriate personal protective equipment.

For emergency operators,: see the information in Section 8.

6.2 Environmental precautions:

Avoid dispersion and outflowing of spilled material in the environment.

Prevent the introduction of the product into the sewerage system, rivers, waterways, etc.

6.3 Methods and materials for containment and cleaning up:

Contain leakage/dispersion to prevent contamination of the sewerage system, of the rivers and of the soil. Suck the spilled product as soon as possible and collect it by using inert absorbent material. Remove the contaminated material and place it in a properly labelled waste container. Proceed to the waste treatment through authorized companies.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipments.

See Section 13 for waste treatment information.

7 Handling and storage:

7.1 Precaution for a safe handling:

Protective measures: wear appropriate personal protective equipments (see Section 8)

Advice on general work hygiene: it is forbidden eating, drinking and smoking in the areas where this product is handled and stored. Handlers should wash hands before eating, drinking, smoking and using toilets. Remove contaminated clothing and protective equipments before entering in the eating areas. Do not handle the product near open flames, sources of ignition or heating. Containers which are dirty and/or contain the product must not be pierced, cut, welded or treated with open flames, sources of ignition or heating.

7.2 Conditions for safe storage, including any incompatibilities:

Store the product in dry and ventilated environments, protected from direct sunlight.

Keep away from open flames or sources of ignition or heating.

7.3 Specific end use(s): Not available.

8 Exposure/personal protection controls:

8.1 Control parameters:

Occupational exposure limits: TLV-TWA: 2 mg/m³ for steams.

Additional exposure limits according to the conditions of use: Not available.

DNEL/DMEL and PNEC-values: Not available.

8.2 Exposure controls:

Appropriate engineering controls: Good general ventilation should be enough to control worker exposure to airborne contaminants.

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Individual protection measures :

Eyes/face protection: the use of safety glasses/mask is recommended in case of a possible exposition with liquid product

Hand protection: thermal protection gloves are recommended in case of handling liquid product

Body protection: in case of exposure to liquid product, it is recommended to wear a protective apron and long sleeves, both thermally protective.

Respiratory protection: we recommend the use of self-breathing apparatus in order to avoid inhalation of dusts and in case of insufficient ventilation.

Environmental exposure controls: Emission from ventilation devices or work process equipments should be checked to ensure they comply with the requirements of environmental protection legislation.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical appearance:	Solid (at room temperature)
Colour:	yellow
Odour:	Typical
Odour threshold :	N/A
pH:	N/A
Melting and icing point (°C):	*****
Boiling point (°C):	>300°C
Flash point (°C):	>190°C ASTM D92
Evaporation rate:	Not applicable
Flammability:	Flammable at high temperature
Upper/lower flammability limits:	Not available
Vapour pressure (20°C):	< 0.1hPa@100°C
Vapour density (15°C):	Not applicable
Density (15°C):	~0.9g/cm3
Water solubility (g/l) at 20°C:	Insoluble
n-Octanol/Water (log Po/w):	Not available
Auto-ignition temperature:	>300 °C
Decomposition temperature:	>300 °C
Viscosity (100°C):	

9.2 Other information: No additional information.

10 Stability and reactivity

10.1 Reactivity:

It may react with oxidizing agents such as chlorates, nitrates, peroxides, etc.

10.2 Chemical stability:

The product is chemically stable under standard storage conditions. We grant at least 12 months stability if the product is correctly stored (see Section 7).

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10.3 Possible hazardous reactions:

Under normal storage and use conditions, hazardous reactions will not occur.

10.4 Conditions to avoid:

It is recommended to avoid any contact with sources of heating, open flames or strong oxidizing agents.

10.5 Incompatible materials:

Avoid the contact with strong oxidizing agents.

10.6 Hazardous decomposition products:

Under normal storage and use conditions, hazardous decomposition products should not be generated.
In case of combustion, carbon oxide development could be possible.

11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity: oral LD50: Not available
dermal LD50: Not available

Irritation/Corrosion: Not available

Sensitization: Not available

Mutagenicity: Not available

Carcinogenicity: Not available

Toxicity for reproductive organs: Not available

Teratogenicity: Not available

STOT - single exposure: Not available

STOT- repeated exposure: Not available

Inhalation toxicity: Not available

12 Ecological information

12.1 Toxicity: Not available.

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: This product is not expected to be bioaccumulative.

12.4 Mobility in soil: Not available.

12.5 Results of PBT & vPvB tests: PBT not; vPvB not available.

12.6 Other adverse effects: Not applicable.

13 Waste treatment

13.1 Waste treatment methods Treat the product in according to the local requirements of environmental protection and waste disposal legislation DIR.. CE 98/2008 – 91/689 - 955/2014 and Subsequent updates

13.2 Packaging wasting treatment disposal: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled or treated.

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14 Transport information

14.1 The product is classified as not dangerous for classes: ADR / RID / IMO / ICAO / IATA.

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the product/blend

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV – List of substances subject to authorization substances of very high concern : None of the components are listed.

Other EU Regulations:

European inventory: This material is listed or exempted.

Black List Chemicals: Not listed

Priority List Chemicals: Not listed

Integrated pollution prevention and control list (IPPC) – Air: Not listed

Integrated pollution prevention and control list (IPPC) – Water: Not listed

International regulations:

Chemical Weapons Convention Prohibition List, Table I Chemicals: Not listed.

Chemical Weapons Convention Prohibition List, Table II Chemicals: Not listed.

Chemical Weapons Convention Prohibition List, Table III Chemicals: Not listed.

15.2 **Chemical Safety Assessments:** Not available.

16 Other information

Abbreviations and acronyms:

CLP: Classification, Labelling and Packaging Regulation [EC Regulation No. 1272/2008], LD50: lethal dose 50%, GHS: Globally Harmonized System of Classification and Labelling of Chemicals

Full classification texts: Not applicable

Full abbreviated hazard indication texts: Not applicable

Full abbreviated R-phrases texts: Not applicable

Full classification texts [DSD/PDP]: Not applicable

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Prepared by: Evricom Ltd

Other information:

This MSDS contains technical and scientific information, based on our best knowledge of the product and solely referred to this product; they could not be valid if the product is used together with other products or in different production processes. Please verify furthermore the national and regional regulations of the sector, together with the rules on safety and environment protection.

The information of this MSDS is given as correct and in faith. Nevertheless, it is given without any duty, warranty, and freedom on usage of industrial property or licence concession. The characteristics mentioned in this document are not contract specifications.