

MATERIAL SAFETY DATA SHEET

Page 1/6

WHITE BEESWAX

Issue date: 18 September 2023

Revision date : 18 September 2023 **REVISION 3**

Modifications versus revision 3 are written in blue colour

Presentation and rules of drafting in conformity with the regulation (EU) No 2020/878

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANIES

A material safety data sheet is a legal document. It is not mandatory to provide it for substances or non-hazardous preparations. Product exempt from REACH registration.

1.1 Name of the substance: White Beeswax

1.2 Use of the substance: cosmetics and pharmaceutical, Confectionery, Food industry, industry in general.

1.3 Identification of companies:

Supplier: **ADC FRANCE**
40 Impasse des Joncs
26780 Malataverne
Phone : +33 (0)4 75 54 35 05
E-Mail : contact@adc-solution.com

Producer: ADC
France

Emergency number: ORFILA 33 (0)1 45 42 59 59

ANTI-POISON CENTERS:

Paris: 33(0) 1 40 05 48 48

Angers: 33 (0)2 41 48 21 21

Bordeaux: 33 (0)5 56 96 40 80

Lille: 0 825 812 822

Lyon: 33 (0)3 4 72 11 69 11

Marseille: 33(0) 4 91 75 25 25

Nancy: 33 (0)3 83 32 36 36

Rennes: 33 (0)2 99 59 22 22

Strasbourg: 33 (0)3 88 37 37 37

Toulouse: 33 (0)5 61 77 74 47

Toxicovigilance centers:

GRENOBLE – REIMS - ROUEN

2. CLASSIFICATION:

2.1 Beeswax

- Classification following the Directive 67/548/EEC.
- Classification following the regulation (EU) No 2020/878

Non-hazardous substance

Unclassified

Unclassified

2.2 Labelling information:

- Danger pictogram No
 - Caution mention No caution mention following the European Directive
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WHITE BEESWAX

Page 2/6

Issue date: 18 September 2023

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3. COMPOSITION/INFORMATION ON INGREDIENTS:

3.1 Identification of the substance:

Nom INCI

Beeswax

Cera Alba

3.2 EINECS Number

232-383-7

CAS Number

8012-89-3 or 8006-40-4

100 %

White wax

4. FIRST AID MEASURES:

4.1 Inhalation:

Very limited risks. Breathe fresh air. Put under medical observation if necessary.

4.2 Skin contact:

Wash with water and soap.

4.3 Eyes contact:

If necessary, remove contact lenses. Wash off immediately with water. See a doctor if necessary.

4.4 Ingestion:

Rinse mouth with water then drink a lot of water.

See a doctor and show him this safety data sheet.

4.5 Main symptoms and effects, acute and delayed:

Potential acute health effects

Eyes contact:

No known significant effect or critical hazards.

Inhalation:

No known significant effect or critical hazards.

Skin contact:

No known significant effect or critical hazards.

Ingestion:

No known significant effect or critical hazards.

Over-exposure signs / symptoms

Eyes contact:

No specific data.

Inhalation:

No specific data.

Skin contact:

No specific data.

Ingestion:

No specific data.

4.6 Indication of any immediate medical attention and special treatment needed:

Note to doctor: no specific treatment. Symptomatic treatment required. Contact immediately a specialist for the treatment of poisoning, if large quantities were ingested or inhaled.

WHITE BEESWAX

Page 3/6

Issue date: 18 September 2023

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5. DIRE FIGHTING MEASURES:

5.1 Extinguishing media:

Suitable: foam – CO₂ – Powder – Sand.

Contraindicated: water jet

5.2 Special protection measures:

Firefighters must wear self-contained breathing apparatus.

5.3 Hazardous decomposition products:

Combustion can give a mixture of gases and particles in the air, including carbon monoxide and hydrocarbons by incomplete combustion.

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions:

Thoroughly ventilate the contaminated surface.

Minimize skin contact.

Avoid dust formation.

Remove all sources of ignition.

6.2 Environmental precautions:

Do not pour into surface water or into drains.

Avoid entering the basement.

6.3 In case of a large spill: notify the public authorities.

6.4 Clean-up methods and disposal of waste:

6.4.1 Cleaning: use mechanical handling equipment.

A hot product spread in thin layers quickly freezes. Just collect the product mechanically solidified and cold.

Keep in suitable, close containers for disposal.

6.4.2 Disposal of waste:

Provide an appropriate recycling plant for disposal according to regulations.

7. HANDLING AND STORAGE:

7.1 Handling:

Normal working clothes for chemicals. Protective goggles and heat-resistant gloves when the product is handled in the molten state.

Avoid the accumulation of electrostatic charges.

Keep away from sources of ignition – No smoking.

Avoid formation and accumulation of dust.

7.2 Special fire or explosion hazards:

None under normal conditions of use. Combustible if in contact with a flame.

7.3 Dangerous reactions:

No dangerous reaction known under conditions of normal use.

7.4 Storage:

Safe from heat and humidity. Do not store in contact with harmful or toxic products.

7.5 Packaging:

Packaging materials or vials to avoid: none to our knowledge.

WHITE BEESWAX

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

8.1 Reduction of exposure:

Ensure good ventilation of the workstation when the product is handled hot.

8.2 Personal protective equipment:

8.2.1 Respiratory protection:

Half mask with particle filter P2 (European Standard 143). Necessary in case of dust formation.

8.2.2 Hand protection:

Protective gloves in accordance with EN 374, for example neoprene gloves.

Wear heat-resistant gloves when the product is handled in the molten state.

8.2.3 Eyes protection:

Use safety goggles

8.2.4 Protection of skin and body other than hands:

Protective clothing with long sleeves (preferably cotton). Wear anti-static shoes.

8.3 Hygiene measures:

Wash your hands before eating. Do not eat, drink smoke at work.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 General information:

Physical form:	Solid
Form:	Microbeads - pellets
Colour:	White to light yellow
Odour:	Particular

9.2 Important health, safety and environmental information:

pH:	N.A	
Typical temperatures:	Solidification point:	61 – 66 °C ASTM D87
	Flash point :	>190 °C
Explosive properties:	NA	
Oxidizing properties:	NA	
Vapour pressure at 20°C	NA	
Solubility:	Insoluble.	
Hydro solubility:	Insoluble.	
Partition coefficient n-octanol/water:	--	
Vapour density:	--	
Evaporation rate:	--	
Saponification index (mg KOH/g)	87 – 104 ASTM D 94	

10. STABILITY AND REACTIVITY:

10.1 Reactivity:

Data not available.

10.2 Stability:

Stable at ambient temperature and pressure.

10.3 Conditions to avoid:

Avoid dust formation.

Keep away from heat and sources of ignition.

10.4 Hazardous decomposition products:

Production of polymers in hot air. CO₂ and CO release and vapours dangerous in case of fire.

10.5 Other information: dangerous reactions with strong oxidants.

WHITE BEESWAX

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11. TOXICOLOGICAL INFORMATION:

11.1 Ingestion:	Data not available
11.2 Skin contact:	Data not available
11.3 Eyes contact:	Data not available
11.4 Inhalation:	An irritation of the upper part of the trachea is possible with hot vapours.

12. ECOLOGICAL INFORMATION:

12.1 Toxicity:	Data not available
12.2 Persistence and degradability:	No persistent substance
12.3 Bioaccumulative potential:	Bioaccumulative
12.4 Mobility in soil:	Groundwater contamination unlikely
12.5 Results of PBT and vPvB assessment:	Data not available
12.6 Other adverse effects:	Does not contain substances known to be dangerous for the environment

13. DISPOSAL CONSIDERATION:

- 13.1 Do not discharge into drains, watercourses, or into the natural environment.
 - 13.2 Make the product available to an appropriate recycling for disposal in accordance with regulations.
 - 13.3 Contaminated packaging: empty the remains and dispose according to the regulations for packaging.
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14. TRANSPORT INFORMATION :

- 14.1 UN Number:**
 - ADR: non-dangerous good
 - IMDG: non-dangerous good
 - IATA: non-dangerous good
- 14.2 UN proper shipping name:**
 - ADR: non-dangerous good
 - IMDG: non-dangerous good
 - IATA: non-dangerous good
- 14.3 Transport hazard class (es):**
 - ADR: non-dangerous good
 - IMDG: non-dangerous good
 - IATA: non-dangerous good
- 14.4 Packaging group:**
 - ADR: non-dangerous good
 - IMDG: non-dangerous good
 - IATA: non-dangerous good
- 14.5 Environmental hazards:**
 - ADR: non-dangerous good
 - IMDG: non-dangerous good
 - IATA: non-dangerous good

- 14.6 Transport in bulk:**
 - No transport according to Annex II of the Marpol 73/78 and to the IBC code.
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WHITE BEESWAX

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15. REGULATORY INFORMATION:

Safety, health and environmental regulations / legislation specific for the substance or mixture:

Regulations relating to major accident hazards (Regulations relating to Classified Installations): Directive 2012/18 / EC does not apply.

Other regulations:

According to the Decree of April 20, 1994 of the Ministry of Labour, modified, this product does not require regulatory labelling.

Relevant: Directives 1999/92 / EC, 94/9 / EC, 98/24 / EC

Not relevant: Regulation (EC) No. 2037/2000, (EC) No. 850/2004 amending Directive 79/117 / EEC, (EC) No. 689/2008

16. OTHER INFORMATION:

R-phrases: none

S-phrases: none

This MSDS completes the technical data sheet but does not replace it. The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its revision. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, distribution, uses and cleaning, disposal and release in a security state and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process unless specified in the text.

We caution the users to the incurred possible risks when the product is used at other ends than the use for which it is planned.

It exempts under no circumstances the user from knowing and applying all the texts regulating its activity. The user will take under its only responsibility the precautions linked to the use which he makes of the product.
