

SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

5146 / 5140 / 5150 / 5160 White Beeswax

Revision 6
Date of issue 05/02/2026
Supersedes 25/10/2023

SECTION 1: Identification of the Substance and of the Company

1.1. Product Identifier

Product Code 5146 / 5140 / 5150 / 5160 White Beeswax
Product Trade Name White Beeswax
Chemical Type Substance
Chemical Description Beeswax-UVBC substance
Long chain saturated and unsaturated alkanes, esters, alcohols and acids
CAS Number 8012-89-3
EC Number 232-383-7
Reach registration number The substance is exempt from registration according to Regulation (EC) No 1907/2006/REACH under Annex V(9)

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category SU3, SU5, SU7, SU8, SU10, SU11, SU12, SU17, SU19

1.2.2. Uses advised against None unless specified elsewhere in the SDS

1.3. Details of the supplier of the safety data sheet

Fizzywhiz
23 Maritime Enterprise Park
Atlas Rd , Bootle, Liverpool, L20 4DY
T: +44 1519220041
Info@fizzywhiz.com www.fizzywhiz.com
Emergency telephone +44 1519220041 number (24 hours)
+44 1519220041

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
The substance is not classified according to the CLP regulation

Adverse physicochemical, human health and environmental effects
No additional information available

2.2 Label elements

Labelling to EC 1272/2008 [CLP] No labelling applicable
Signal word None
Precautionary Statements Not applicable

2.3 Other Hazards

Not classified as PBT / vPvB by current EU criteria

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical name	CAS No.	EC No.	%	Classification according to EC 1272/2008
Beeswax	8012-89-3	232-383-7	100%	Not classified

3.2 Mixtures

Chemical name	CAS No.	EC No.	%	Classification according to EC 1272/2008

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If this section is blank, no substances in the mixture are classified according to EC 1272/2008 and therefore do not need to be disclosed. Any non-classified components disclosed above for which no country specific OEL value(s) is(are) indicated under Section 8, are being disclosed as voluntarily disclosed components.

SECTION 4: First aid measures

4.1 Description of first aid measures

First aid measures general	<i>In case of serious or persistent conditions, call a doctor or seek emergency medical care.</i>
First aid measures after inhalation	<i>Remove to fresh air. Obtain medical attention if symptoms persist.</i>
First aid measures after skin contact	<i>Cold material: wash with soap, hand cleaner and water. Heated material: flush skin with cold water to cool as quickly as possible. Cover with clean cotton. Do not attempt to remove substance from a burn as this can result in tissue loss. Obtain prompt medical attention</i>
First aid measures after eye contact	<i>Cold material: wash eyes thoroughly with liberal amounts of water. Heated material: Rinse with cool water to dissipate heat, do not try to remove substance. Obtain prompt medical attention.</i>
First aid measures after ingestion	<i>Wash the mouth with water. If large amounts are swallowed obtain prompt medical attention.</i>

4.2 Most important symptoms and effects, both acute and delayed

Symptoms / Injuries	<i>If inhaled or ingested, there may be some irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.</i>
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4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	<i>Dry chemical, CO₂, foam, water mist.</i>
Unsuitable extinguishing media	<i>Water jet. This will cause the fire to spread.</i>

5.2 Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

5.3 Advice for firefighters

Firefighting instructions	<i>In case of fire, do not breathe fumes. Fight fire with normal precautions from a reasonable distance.</i>
Protection during firefighting	<i>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus(SCBA). Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to EN469 will provide a basic level of protection for chemical incidents.</i>
Other information	<i>Standard procedures for chemical fires. Use extinguishing measures appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Prevent fire extinguishing water from contaminating surface water or the ground water system.</i>

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures	<i>Remove non-essential persons from spillage area.</i>
Protective equipment	<i>Wear protective equipment as described in Section 8 of this SDS.</i>
Emergency procedures	<i>In case of spills, beware of slippery floors. Remove ignition sources. Provide adequate ventilation.</i>

6.2 Environmental precautions

Keep away from drains, surface and ground water. Spillages or uncontrolled discharges into the watercourse must be IMMEDIATELY alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	<i>If molten, contain liquid with sand, earth or similar absorbent material. allow to solidify, scrape up and dispose of as solid combustible material.</i>
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6.4 Reference to other sections

PPE – Section 8. Waste Disposal – Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling	<i>Avoid spilling, skin and eye contact. Avoid inhalation of vapours Do not ingest. Handle in accordance with good industrial hygiene and safety practice.</i>
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7.2 Conditions for safe storage, including any incompatibilities

Technical measures	<i>No special measures required.</i>
Storage conditions	<i>Store in a cool, dry, well ventilated place. Keep away from sources of combustion. Protect from exposure to sunlight.</i>
Incompatible products	<i>Strong oxidising agents. Storage temperature</i>
temperature	<i>Below 25°C</i>

7.3 Specific end use(s)

Specific identified uses for this product are detailed in Section 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified. This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by Regional regulatory authorities.

DNEL (Workers):

		Short Exposure		Long Exposure	
Identification		Systemic	Local	Systemic	Local
White Beeswax	Oral	n/a	n/a	n/a	n/a
CAS: 8012-89-3	Dermal	n/a	n/a	n/a	n/a
EC: 232-383-7	Inhalation	n/a	n/a	n/a	n/a

DNEL (Populations):

		Short Exposure		Long Exposure	
Identification		Systemic	Local	Systemic	Local
White Beeswax	Oral	n/a	n/a	n/a	n/a

CAS: 8012-89-3	Dermal	n/a	n/a	n/a	n/a
EC: 232-383-7	Inhalation	n/a	n/a	n/a	n/a

PNEC:

Identification					
White Beeswax CAS: 8012-89-3 EC: 232-383-7	STP	n/a	Fresh water	n/a	
	Soil	n/a	Marine water	n/a	
	Intermittent	n/a	Sediment (Fresh water)	n/a	
	Oral	n/a	Sediment (Marine water)	n/a	

8.2 Exposure**controls**

Protective equipment



Appropriate engineering controls *Provide adequate ventilation, including appropriate local extraction, especially in confined areas, to ensure that exposure limits (if applicable) are not exceeded*

Hand protection *No special precautions other than protection from splashing or contact with molten material. Eye protection if splashing is possible, wear safety glasses with side shields or chemical goggles (EN 166 type).*

Skin and body protection *Heated wax should be handled with caution and suitable protective clothing worn.*

Respiratory protection *Provide adequate ventilation. In large scale/ emergency use situations, wear EN 136 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.*

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state	<i>Solid</i>
Colour	<i>White or yellowish-white</i>
Drop melting point / range, °C	<i>61-66</i>
Congeaing point / range, °C	<i>Not applicable</i>
Boiling point / range, °C	<i>No data available</i>
Flash point, °C	<i>>200</i>
Autoignition point, °C	<i>>400</i>
Relative density	<i>0.96</i>
Solubility	<i>Water: Insoluble Ethanol: Partially soluble Ether: Soluble</i>

9.2 Other informatio_n*None***SECTION 10: Stability and reactivity****10.1 Reactivity***No specific reactivity hazards associated with this produc under normal conditions***10.2 Chemical stability***Stable under normal conditions.*

10.3 Possibility of hazardous reactions

No decomposition if used according to instructions in SDS.

10.4 Conditions to avoid

Avoid excessive heat, flames and other sources of ignition.

10.5 Incompatible materials

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity	<i>No data available</i>
Skin corrosion / irritation	<i>No irritating effect</i>
Serious eye damage / irritation	<i>No irritating effect</i>
Respiratory or skin sensitisation	<i>No sensitizing effects known</i>
Germ cell mutagenicity	<i>No data available</i>
Carcinogenicity	<i>There are no known carcinogenic chemicals in this material</i>
Reproductive toxicity	<i>No data available</i>
Specific target organ toxicity (single exposure)	<i>No data available</i>
Specific target organ toxicity (repeated exposure)	<i>No data available</i>
Aspiration hazard	<i>No data available</i>

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not classified as PBT/vPvB by current EU criteria

12.6 Other adverse effects

The substance / mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Ecology – waste materials *According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. If recycling is not practicable, dispose of in accordance with local regulations* Uncleaned packaging *Empty any remaining contents. Dispose of in accordance with local regulations.*

SECTION 14: Transport information

General information

The product is not covered by international regulation on the transport of dangerous goods (ADR/RID, IMDG, IATA)

14.1 UN Number

ADR/RID *No information* IMDG *No information* IATA *No information required* required *required*

14.2 UN Proper Shipping name

ADR/RID *No information* IMDG *No information* IATA *No information required* required *required*

14.3 Transport hazard class(es)

ADR/RID *No information* IMDG *No information* IATA *No information required* required *required*

14.4 Packing group

ADR/RID *No information* IMDG *No information* IATA *No information required* required *required*

14.5 Environmental hazards

ADR/RID *No information* IMDG *No information* IATA *No information required* required *required*

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required

14.8 Additional information

No information required

SECTION 15: Regulatory information

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

15.1.1 EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
Directive 67/548/EC
Regulation [EC] 1272/2008
Regulation [EC] 1907/2006
Regulation [EC] 453/2010

15.1.2 National regulations

UK Regulatory References. Health and Safety at Work Act 1974.
The Control of Substances Hazardous to Health Regulations 2002 (S.I. 2002 No. 2677) with amendments.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Legal Disclaimer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. In view of the fact that the application of this information is outside our control, we disclaim any liability incurred in connection with its application or use. It should not therefore be construed as guaranteeing any specific property of the product.

This Safety Data Sheet is based on information provided by the manufacturer and is believed to be accurate at the time of issue.