

Safety information sheet

Version: 1.0 EN

Berry wax, Japan wax in pastilles

Article number: D10081

This document has been prepared as a communication tool to inform downstream users about both the status of the substance under REACH and CLP, some of its essential properties and the guidance on safe use. An extended safety data sheet (SDS) is not required for this substance under Article 31 of REACH Regulation (EC) No 1272/2008, including the amending Regulation (EU) 2020/878. As a result, the format and content of this document does not comply with the framework for safety data sheets set out in Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006.

1 Identification of the substance/mixture and the company

1.1 Product identifier

Name	Berry wax, Japan wax
CAS number	8001-39-6
EC number	-
REACH registration	-

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

Description/use	The product is a soft, vegetable wax obtained by pressing the fruits of the Rhus Verniciflua tree. The product is used as a consistency agent in the textile and leather industry as well as in the cosmetics industry. For information on other possible applications, please contact us on the telephone number given. We will be happy to put you through to the relevant contact person.
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1.3 Details of the supplier providing the safety information sheet

Company	DistrEbution GmbH
Adress	Brookdeich 40 21029 Hamburg Germany
Telephone	+49 40 609 2387 60
E-Mail	info@distrebution.com

1.4 Emergency number

+49 40 609 2387 60 (Business hours: Mon - Thu: 8 a.m.- 5 p.m. / Fri: 8 a.m. – 4 p.m.)

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2 Potential hazards

2.1 Classification of the substance or mixture

Not classified according to Chemicals Regulation (EC) No.1272/2008 and No.453/2010.

2.2 Label elements

Not subject to classification according to Regulation (EC) No 1272/2008.

2.3 Other hazards

This mixture of substances fulfils neither the PBT nor the vPvB criteria according to Annex XIII of the REACH Regulation.

According to the current state of knowledge and when handled properly, this product does not pose a risk to humans or the environment.

3 Composition/information on ingredients

Chemical	Berry wax
characterization:	
CAS number	8001-39-6
EC number	-
REACH registration	-
Hazardous ingredients	none
Nanoparticles	No nanoparticles according to Regulation (EU) 2018/1881

4 First-aid measures

4.1 Description of first-aid measures

After eye contact

Immediately rinse eyes thoroughly with plenty of water. Check for the presence of contact lenses and remove if necessary. Consult a doctor.

After skin contact

Wash with soap and water, then rinse thoroughly. In case of contact and/or solidification of the molten product on the skin, seek medical attention, especially in case of burns.

Inhalation or ingestion

Only if molten product is ingested: May cause thermal burns. Get medical attention immediately. This is not a toxic substance. Rinse mouth with water. Do not induce

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vomiting unless specifically instructed to do so by a healthcare professional.

Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Thermal burns may occur on contact with molten product. No other acute or delayed effects are known.

4.3 Indication of any immediate medical attention and special treatment needed

If large quantities are ingested, immediately contact a poison control centre or seek medical attention. Treat symptomatically.

5 Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents

Carbon dioxide (CO₂), dry extinguishing agent, foam and sand

Unsuitable extinguishing agents

Full water jet

5.2 Special hazards arising from the substance or mixture

The product can ignite at high temperatures or on contact with very hot surfaces.

Carbon dioxide (CO₂) and carbon monoxide (CO) can be released during thermal decomposition..

5.3 Advice for firefighters

Protective equipment for firefighters

Firefighters must wear fire-resistant protective clothing including protective gloves, helmets and self-contained breathing apparatus.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable personal protective equipment. Personnel not trained for emergencies should avoid the danger zone and ensure adequate ventilation. Only trained personnel with suitable protective equipment may work. See protective measures in sections 7 and 8.

6.2 Environmental precautions

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Avoid leakage into the sewage system or bodies of water. Contain any spillages to prevent them from spreading. Pump liquid into suitable containers. Do not discharge waste into watercourses. Dispose of in accordance with local regulations or by incineration.

6.3 Methods and material for containment and cleaning up

Prevent spread with suitable dams. Absorb with inert material (e.g. sand, earth, vermiculite). Scrape off or collect after cooling. Stop leakage if possible without risk. Caution: Risk of slipping due to leaking product residues.

6.4 Reference to other sections

For further information see section 13.

7 Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation at the workplace. Wear suitable personal protective equipment. Do not eat, drink or smoke in areas where the product is stored or handled. Wash hands before eating, drinking, smoking or using the toilet. Remove contaminated clothing and protective equipment before entering break rooms. Do not handle product near open flames, sources of ignition or when exposed to heat. Containers that contain residues of the product must not be opened, welded or treated with an open flame.

7.2 Conditions for safe storage, including any incompatibilities

Store the product in a dry, well-ventilated place away from direct sunlight. Keep away from naked flames and sources of ignition. Keep container tightly closed.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

No exposure limits have been set

8.2 Limitation and monitoring of exposure

8.2.1 Appropriate engineering controls

Ensure adequate ventilation at the workplace. In the event of dust formation, use local extraction or closed systems. Dust control systems should be secured against explosions or equipped with appropriate protective measures.

8.2.2 Personal protective equipment

Respiratory protection

Not required under normal conditions.

Hand protection

Wear oil-resistant protective gloves. Use heat-resistant, penetration-resistant protective gloves when working with molten product)

Eye protection

Safety goggles (EN 166)

Body protection

Wear suitable protective clothing, e.g. long-sleeved clothing to protect against skin contact.

Environmental exposure controls

Are not required under normal working conditions.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Solid (at room temperature)
Colour	Pale white
Odour	Characteristic
pH	No data available
Melting point	48 - 54°C
Evaporation rate	No data available
Oxidising properties	No data available
Flammability	Flammable
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	0.97-0.99 g/cm ³
Water solubility	Insoluble
Soluble in organic solvents	Soluble
Partition coefficient n-octanol/water:	No data available
Ignition temperature	No data available

9.2 Other information

No further information available.

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10 Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable when stored and handled as recommended.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to avoid

Avoid contact with heat sources, open flames or strong oxidising agents.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

No data available.

11 Toxicological information

11.1 Information on hazard classes according to Regulation (EC) No. 1272/2008

Acute oral toxicity	No data available
Acute dermal toxicity	No data available
Irritation/corrosion	No data available
Sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Teratogenicity	No data available
STOT - single exposure	No data available
STOT - repeated exposure	No data available

12 Environmental information

12.1 Toxicity

No additional information available

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

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12.5 Other adverse

No additional information available

12.6 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) according to REACH criteria ($\geq 0.1\%$).

13 Disposal instructions

The product must be disposed of or incinerated in accordance with the applicable local, regional and national regulations. Packaging must be completely emptied and disposed of in accordance with the regulations

14 Transport information

The product is not classified as dangerous for the following transport regulations:
ADR / RID / IMDG / ICAO / IATA

15 Legislation

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

- REACH - Candidate List of Substances of Very High Concern (Art. 59): Not applicable
- REACH - Substances subject to authorisation (Annex XIV): Excluded
- Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable
- Regulation (EC) No 850/2004 on persistent organic pollutants (POPs): Not applicable
- Volatile organic compounds (VOC): Not tested

Further regulations:

Compliance with Directive 94/33/EC on the protection of young people at work is required. Observe employment restrictions for pregnant and breastfeeding women.

15.2 Chemical safety assessment

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16 Other information

16.1 Abbreviations and acronyms

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

CLP - Classification, Labelling and Packaging (Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR - Carcinogenic, Mutagenic or Toxic for Reproduction

DIN - German Institute for Standardisation

ECHA - European Chemicals Agency

EC No. - European Community number

GHS - Globally Harmonised System of Classification and Labelling of Chemicals

IARC - International Agency for Research on Cancer

IMDG - International Maritime Dangerous Goods Convention

IMO - International Maritime Organisation

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail

SDS - Safety Data Sheet

SVHC - Substance of Very High Concern

TRGS - Technical Rules for Hazardous Substances

UN - United Nations

vPvB - Very Persistent and Very Bioaccumulative

PBT - Persistent, Bioaccumulative and Toxic

16.2 SVHC

The substances on the ECHA list (<http://echa.europa.eu/en/candidate-list-table>) are neither expected to be present in our products nor are they intentionally used in the production process. Our products do not come into contact with these substances during production. However, it is not possible to completely rule out traces of these substances: due to natural impurities or raw material-related properties, an unintentional content of less than 0.1% cannot be completely ruled out.

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16.3 Note for users

The information in this data sheet is based on our current knowledge at the time of the last revision. The user is responsible for checking the suitability and completeness of the information in relation to the specific use of the product.

This document does not constitute a guarantee for specific properties of the product. As we have no direct influence on the use of the product, the user is obliged to comply with all applicable laws, regulations and safety and hygiene provisions on his own responsibility. We accept no liability for improper use. Personnel entrusted with the handling of chemicals must be appropriately trained.