

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME: Jasmine Grandiflorum Wax
SUPPLIER: Fresholi
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2. COMPOSITION / INFORMATION ON INGREDIENTS

INCI NAME: Jasminum Grandiflorum (Jasmine) Flower Wax
CAS NO: 84776-64-7
EINECS NO: 283-993-5
CHEMICAL COMPOSITION: Jasmine Grandiflorum Wax (flower wax) is a complex mixture of ca. 85 % natural hydrocarbons (ca. C19-C39, ca. 15 % esters (ca. C36->C52), and small amounts of free fatty acids. Also small amounts of jasmine essential oil are present.

3. HAZARDS IDENTIFICATION

Jasmine Grandiflorum Wax is not a hazardous substance.

4. FIRST AID MEASURES

SKIN CONTACT: After skin contact with the hot molten product cool with cold water. Carefully remove solidified wax from skin. Treat burns. If necessary consult a physician.

EYE CONTACT: After eye contact with hot, molten wax cool with cold water. Consult a physician.

INHALATION: Inhalation of vapour from (over)heated product should be avoided. Evacuate to fresh air.

INGESTION: Jasmine Grandiflorum Wax is non-toxic. However, if swallowed, seek medical advice.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, dry chemical powder, water spray, CO2

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS: Waterjet.

PROTECTION AGAINST FIRE: No unusual fire and explosion hazards are known. Combustion products are H2O and CO2. In case of oxygen depletion, possible formation of soot and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

METHODS OF CLEANING: The spilled molten wax solidifies and can be mechanically removed. . Jasmine Grandiflorum Wax is not a hazardous waste.

7. HANDLING AND STORAGE

INFORMATION ON HANDLING AND STORAGE: Normal storage, preferably in cool areas. Do not expose to direct sunlight. Normal handling of pails.

INFORMATION ON FIRE- AND EXPLOSION PROTECTION: The normal rules of fire- and explosion protection apply.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL PRECAUTIONS: Wear protective glasses when working with molten wax. Avoid skin contact with molten product. Use protective gloves when handling molten wax.

HYGIENIC MEASURES: Respect the usual precautions for working with chemicals.

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9. PHYSICAL DATA AND CHEMICAL PROPERTIES

<u>FORM :</u>	Soft solid
<u>ODOUR :</u>	jasmine scent
<u>COLOUR :</u>	yellow-brown
<u>PH :</u>	N/A
<u>FLASH POINT :</u>	>ca. 180 degrees C
<u>MELTING POINT:</u>	> ca. 60 degrees C
<u>HYDROSOLUBILITY :</u>	Insoluble
<u>DENSITY:</u>	ca. 0.82 – 0.95 g/cm ³ at 20 °C
<u>ACID NUMBER:</u>	1-5 mg KOH/g
<u>SAPONIFICATION VALUE:</u>	40-60 mg KOH/g

10. STABILITY AND REACTIVITY

<u>THERMAL DECOMPOSITION:</u>	> ca. 110 degrees C No decomposition with normal use.
<u>HAZARDOUS DECOMPOSITION PRODUCTS:</u>	Irritating gases when overheated; avoid overheating.
<u>HAZARDOUS REACTIONS :</u>	Avoid contact with oxidizing agents.

11. TOXICOLOGICAL INFORMATION

<u>ACUTE ORAL TOXICITY (LD50):</u>	Not toxic. *
<u>SKIN IRRITATION:</u>	Not irritating. *
<u>EYE IRRITATION:</u>	Not irritating. *

* Based on analogy with similar substances like natural waxes, paraffins and essential oils.

12. ECOLOGICAL INFORMATION

<u>INFORMATION ON ELIMINATION (PERSISTENCY AND BIOLOGICAL DEGRADATION):</u>	Biologically degradable without harmful residues.
<u>FURTHER ECOLOGICAL INFORMATION:</u>	Not soluble in water. In water treatment it can be mechanically removed. Elimination takes place through adsorption in the silt

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13. DISPOSAL CONSIDERATIONS

<u>RESIDUE FOR DISPOSAL:</u>	Dispose of in accordance with prevailing regulations. It is not a dangerous substance.
<u>WASTE NAME:</u>	Manufacturing waste of plastic manufacturing and ~production.
<u>CONTAINER DISPOSAL:</u>	Containers which are not cleaned are to be handled as the product. Completely emptied containers can be disposed of as normal refuse.

14. TRANSPORT INFORMATION**Land transport:**

ADR	Not a dangerous substance.
GGVS	Not a dangerous substance.
RID	Not a dangerous substance.
GGVE	Not a dangerous substance.

Identification of material:

Risk Number:	Substance Number.
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Inland waterways:

ADNR	Not a dangerous substance.
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Sea transport:

IMDG/GGVSee	Not a dangerous substance.
EmS	MFAG

Air transport:

ICAO/IATA-DGR	Not a dangerous substance.
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Other Information:

Post	Admitted.
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15. REGULATORY INFORMATION

Registration according to GefStoffV/EG:	No registration obligation.
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16. OTHER INFORMATION

This information is given in good faith and is correct to the best of our knowledge. However, we cannot accept responsibility or liability for any consequences arising from its use. The suitability of this product for any particular use is not suggested or implied. This document is not a specification and properties shown are not guaranteed.