

MATERIAL SAFETY DATA SHEET

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RAPESEED WAX 9562

Issue date: 16 December 2022

Last update: June 22th, 2020 **REVISION 3**

Modifications are written in blue color.

Presentation and rules of drafting in conformity with the regulation (CE) 1907/2006 and EC/1272/2008.

1. IDENTIFICATION OF THE PREPARATION

- 1.1 Identification of the substance: Rapeseed wax 9562
- 1.2 Industrial sector: chemical industry, cosmetic industry, candle industry, basic material
- 1.3 Use of the substance: Product is defined as raw material for production or for further processing.
- 1.4 Recommended restriction on use: Please see chapter 16

2. HAZARD IDENTIFICATION

- 2.1 Classification/Hazards characteristics: this product does not require labelling. [1272/2008, actual version.](#)
 - 2.2 Additional safety information for humans and the environment: risk of skin burns caused by hot melt.
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3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical characterization:	hardened rapeseed oil
CAS-No:	85251-77-0 8002-74-2 84681-71-0 67701-03-5 67701-30-8
EINECS-No:	286-490-9 232-315-6 283-532-8 266-928-5 266-948-4
Hazard ingredients:	none
REACH-No:	01-2119495562-30 01-2119488076-30 exempt 01-2119543709-29 exempt

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4. FIRST AIDS MEASURES:

General information:	Take away contaminated clothes.
In case of eye contact:	In case of contact with eyes, rinse immediately thoroughly with plenty of water. In case of eye irritation, consult an ophthalmologist.
In case of skin contact:	In case of contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin.
In case of inhalation:	Move affect person into fresh air, keep warm and allow to rest. In case of respiratory tract respiration, consult a physician.
In case of ingestion:	Rinse mouth thoroughly with water.
Information to physician:	No data available. Treat symptomatically.

5. FIRE FIGHTING MEASURES:

Extinguishing media:	Foam, carbon dioxide or dry powder, sand.
Do not use water for safety reasons.	
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: In case of fire may be liberated: carbon dioxide, nitro oxides (NOx), soot and other organic products.	
Special protective equipment for fire fighters:	in case of fire: wear self-contained breathing apparatus.
Additional information:	use water spray to protect personnel and to cool endangered containers.
Unusual fire and explosion hazards:	combustible products such as rag, waste paper or filter clay saturated with oil may heat and burn spontaneously.

6. ACCIDENTAL RELEASE MEASURES:

- 6.1 Personal precautions: Wear breathing apparatus if exposed to vapor/aerosols/dust.
- 6.2 Environmental precautions: do not allow to drains, water courses or soil.
- Liquid spillage: stop leakage. – allow product to solidify scrap up. Clean area with detergent and hot water.
- 6.3 Cleaning procedures: allow product to cool down and solidify.
- Absorb with sawdust or other inert absorbent, dispose of a solid waste in accordance with the relevant waste disposal regulations.

7. HANDLING AND STORAGE:

Safe handling advice:	Avoid forming of wax vapor/fume. If this is not possible provide proper air ventilation. If necessary, use suction plant.
Advice on protection against fire and explosion:	Steps against electrostatic charges should be provided. Product may only form ignitable compositions or burn, if heated up to temperatures higher than flashpoint.
Additional information:	
Requirements for storage areas and containers:	Only use containers specially approved for the substance/product/ Keep storage place cool and dry.
Hints for storage:	
Materials to avoid:	Strong oxidizing agents.
Further information on storage conditions:	Keep in cool, well ventilated place.

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Fire class:	B
Storage class VCI	11 (burnable solids)
Typical applications:	Observe technical data sheet.

8. EXPOSURE CONTROLS AND PERSONNEL PROTECTION:

Components with workplace control parameters:	
National occupational exposure limit value:	No data available
European occupational exposure limit value:	No data available
Engineering measures:	in case of thermal processing, provide for extraction of vapors or adequate ventilation.

Personal protective equipment:

Respiratory protection:	Respiratory protection is necessary at aerosol used chemicals or mist formation: use mask of filter types A2, A2/P2 or ABEK;
Hand protection:	Hand protection in accordance to other used chemicals. Preventive hand protection is recommended. The regular use of protective skin cream is recommended.
Eye protection:	Protection glasses with side protection.
Body protection:	If contact with hot product is possible, please wear heat resistant and flame-retardant protective clothing.
Hygiene measures:	Usual precautions for proper handling of chemicals should be observed. After work, before meals breaks, clean wax soiled skin by water and emollient cleaning agent/soap. Avoid inhalation of wax fume.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 General information:	
Form:	Solid
Colour:	Off-white to light yellow
Odor:	Low typical
9.2 Important health, safety and environmental information:	
pH-value	Not applicable
Drop point (DIN ISO 2176)	50 – 90 °C
Boiling temperature / boiling range:	undetermined
Vapor pressure:	undetermined
Density at 20 °C (DIN 53217)	approx. 0,90 g/cm ³
Solubility in water at 20 °C:	insoluble
Viscosity at 120°C:	< 50mPas
Flash point (DIN ISO 2592)	> 180 °C
Ignition temperature:	not available
Self-ignition:	not determined / only above flash point
Explosion hazard:	only as aerosol / dust
Oxidizing properties:	unknown
Vapor density:	undetermined
Evaporation rate:	undetermined

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10. STABILITY AND REACTIVITY**Chemical Stability:**

Stable in normal conditions of use. A spontaneous combustion may occur during the accumulation of old papers and cartons which have contained this product.

Conditions to avoid: No hazardous reactions known.

Materials to avoid: Reactions with strong oxidizing agents.

Hazardous decomposition products: No hazardous decompositions products known.

11. TOXICOLOGICAL INFORMATION:

PNEC-Values: no data available

DNEL-Values: no data available

Non-human toxicological data

Acute oral toxicity: LD50 (rat) 2000 mg/kg

Additional information: data obtained by analogy e.g. QSAR.

12. ECOLOGICAL INFORMATION:

Ecotoxicity: No data available.

Behavior in environmental compartments: Technically correct releases of minimal concentration to adapted biological sewage plant, will not disturb the biodegradability of activated sludge.

Further information: Do not allow uncontrolled discharge of product into the environment.

13. DISPOSAL CONSIDERATION:

[With respect to local regulations, e.g. dispose of into suitable waste incineration plant.](#)

Waste designations in accordance with EWC

Waste key number: No waste key number as per the European Waste types list can be assigned to this product, since such classification is based on the (as yet undetermined) use to which the product is put by the consumer.

The waste key number must be determined as per European Waste Types List (decision on EU Waste Types List 2000/532/EC) in cooperation with the disposal firm/producing firm/official authority.

Empty packages: Non-contaminated packages may be recycling.
Packing which cannot be properly cleaned must be disposed of.

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14. TRANSPORT INFORMATION:

ADR/RID:	non-restricted
GGVS/GGVE:	non-restricted
IATA-TI:	non-restricted
IATA-DGR:	non-restricted
IMDG:	non-restricted
GGVSee:	non-restricted

Not regulated as a dangerous good.

Transport: if the exterior temperature is above 25 °C, refrigerator transport is recommended.

15. REGULATORY INFORMATION:

Labelling in accordance to EC-directive:	The product does not require a hazard warning label in accordance to 67/548/EWG and 1999/45/EC; as well as EC/1272/2008.
National regulation:	Please check local regulation and contact administration
Water hazard class:	1 : slightly hazardous to water in accordance with AwSV

16. OTHER DATAS:

Recommended restrictions on use. SVHC	Do not heat up to temperatures higher than flash point. The substance listed in (http://echa.europa.eu/en/candidate-list-table) are neither expected nor intentionally introduced during the manufacturing process. Our product does not have any contact to these substances during the manufacturing process. The fact that these substances are not intentionally introduced does not exclude that trace levels below 0,1% may be unintentionally present or may be result of specific characteristics of the raw material.
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17. OTHER INFORMATION:

We recommend that containers be either professionally reconditioned for re-use by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. "Empty" drums should not be given to individuals.

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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.
