

# Material Safety Data Sheet

Polycerin® 9562

WACHS- U. CERESIN-FABRIKEN  
**TH.C.TROMM**  
G.M.B.H. KÖLN



according to REACH Regulation EC 1272 2008, amendment by regulation EC 2020 878  
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## 1. SECTION: Identification of the substance / preparation and the Company

### 1.1 Product identifier

Trade name: Polycerin® 9562  
Chemical characterization: hardened rapeseed oil  
Component CAS-numbers: 68002-70-0, 8002-74-2, 67701-03-5  
Component EINECS-numbers: 268-083-8, 232-315-6, 266-928-5  
REACH-No.: 01-2219487125-36, 01-2119488076-30, 01-2119543709-29  
UFI-No.: not classified as dangerous mixture - not relevant

### 1.2 Relevant identified uses of the substances or mixture and uses advised against

#### Relevant identified uses

Use of the substance / preparation: industrial uses, basic material and additive – no restrictions

**Recommended restrictions on use:** none - please see Chapter 16

### 1.3 Details of the supplier of the Safety data sheet

Company: Wachs- u. Ceresin-Fabriken TH.C.TROMM GmbH  
Street: Delmenhorster Strasse 4  
City: D-50735 Köln  
Information about substance / preparation: Wachs- u. Ceresin-Fabriken TH.C.TROMM GmbH  
Phone: +49(0)221 97 4552 0  
Fax: +49(0)221 97 4552 30  
E-Mail: [waxlab@wax-tromm.de](mailto:waxlab@wax-tromm.de)

### 1.4 Emergency telephone number

Emergency telephone: +49(0)221 97 4552 0 (Mo-Fr 8:00 to 15:30 h) CET

## 2 SECTION: Hazards Identification

### 2.1 Classification of the substance or mixture

Classification/ Hazards characteristics: This product does not classified according (EC) 1272/2008 [CLP], actual version

### 2.2 Label elements

Labeling: This product does not require labeling according (EC) 1272/2008 [CLP], actual version

### 2.3 Other hazards

Additional safety information for humans and the environment: Risk of skin burns caused by hot melt.

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## 3. SECTION: Composition / Information on Ingredients

### 3.1 Substances (not applicable)

### 3.2 Mixtures

|                                                 |                                                               |
|-------------------------------------------------|---------------------------------------------------------------|
| Chemical characterization:                      | please see Section 1                                          |
| Hazard ingredients:                             | none                                                          |
| Nano particles (EC 2018/1881):                  | the product does not contain nano particles                   |
| Synthetic polymer microparticles (EC 2023/2055) | the product does not contain synthetic polymer microparticles |

## 4. SECTION: First aid measures

### 4.1 Description of first aid measures

#### General information:

Take away contaminated clothes.

#### In case of inhalation:

Move affected person into fresh air, keep warm and allow to rest. In case of respiratory tract irritation, consult a physician.

#### 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 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 ingestion:

Rinse mouth thoroughly with water.

#### Information to physician:

No data available. Treat symptomatically

## 5. SECTION: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media:

sand, foam, dry powder, carbon dioxide (CO<sub>2</sub>)

#### Extinguishing media which must not to be used for safety reasons:

water

### 5.2 Special hazards arising from the substances or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

For powdered products: Fine dust clouds can form explosive mixtures with air. In case of fire, hazardous fumes/gases may be released: carbon monoxide, carbon dioxide, nitrogen oxides (NOX), soot, and other organic products.

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## 5.3 Advice for firefighters

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.

## 6. SECTION: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Wear breathing apparatus if exposed to vapor/dusts/aerosols.

### 6.2 Environmental precautions:

Prevent releases of this product into the environment. Do not allow into drains, water courses or soil.

Please see Section 15.1; Comprehensive instructions explaining how to prevent releases of plastics pellets, flakes and powders to the environment during both use and disposal are provided by the industry program 'Operation Clean Sweep' (OCS).

### 6.3 Methods and material for containment and cleaning up:

Allow product to cool down and solidify. Collect in suitable containers for recycling or disposal. Please look disposal considerations.

### 6.4 Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

## 7. SECTION: Handling and Storage

### 7.1 Precautions for safe handling

#### Precaution:

Avoid forming of wax vapor/fume. If this is not possible provide proper air ventilation; if necessary use suction plant.

#### Information about 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

### 7.2 Conditions for safe storage, including any incompatibilities:

#### Requirements for storage areas and containers

Only use containers approved for the substance/product-group. Keep storage place cool and dry.

#### Hints for combined storage

Materials to avoid: Strong oxidizing agents.

Further information on storage conditions: Keep in cool, well ventilated place.

Fire class: B

Storage class: 11 (burnable solids)

### 7.3 Specific end use(s)

Typical applications: Observe technical data sheet.

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## 8. SECTION: Exposure controls / Personal protection

### 8.1 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.

PNEC-Values No data available

DNEL-Values No data available

### 8.2 Exposure controls

#### Appropriate engineering controls

Ensure good ventilation of the work station

#### Personal protection equipment

##### Respiratory protection

Respiratory protection is necessary at aerosol or mist formation: use mask of filter types A2, A2/P2 or ABEK.

##### Hand protection

Hand protection in accordance with 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 meal breaks, clean wax soiled skin by water and emollient cleaning agent/soap. Avoid inhalation of wax fume.

##### Thermal hazards

Do not heat up to temperatures higher than flash point - no additional information available.

##### Environmental exposure controls

Avoid release to the environment

## 9. SECTION: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

| Parameter                                              | Value                     | unit/method/remark |
|--------------------------------------------------------|---------------------------|--------------------|
| Form:                                                  | solid                     |                    |
| Color:                                                 | off-white to light yellow |                    |
| Odor:                                                  | low typical               |                    |
| Important health, safety and environmental information |                           |                    |
| pH-value:                                              | not applicable            |                    |
| Drop point (DIN ISO 2176):                             | 40 – 80                   | °C                 |

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|                               |                                         |                   |
|-------------------------------|-----------------------------------------|-------------------|
| Boiling temperature / -range: | undetermined                            |                   |
| Vapor pressure:               | undetermined                            |                   |
| Density@20°C (DIN 53217):     | approx. 0,93                            | g/cm <sup>3</sup> |
| Solubility in Water:          | insoluble                               |                   |
| Viscosity@120°C (DIN 53019):  | < 30                                    | mPas              |
| Flash point (DIN ISO 2592):   | > 150                                   | °C                |
| Ignition temperature:         | not available                           | °C                |
| Self-ignition:                | not determined / only above flash point |                   |
| Explosion hazard:             | only as aerosol / dust                  |                   |
| Oxidizing properties:         | unknown                                 |                   |
| Vapor density:                | undetermined                            |                   |
| Evaporation rate              | undetermined                            |                   |

### 9.2 Other information

#### Information with regard to physical hazard classes

No additional information available

#### Other safety characteristics

#### SVHC

The substances listed in (<http://echa.europa.eu/en/candidate-list-table>) are neither expected nor intentionally introduced during the manufacturing process. Our products do 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 the result of specific characteristics of the raw material.

## 10. SECTION: Stability and reactivity

### 10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use

### 10.4 Conditions to avoid

Do not heat up to temperatures higher than flash point.

### 10.5 Incompatible materials

No additional information available

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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## 11. SECTION: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Non- human toxicological data

|                                   |                   |
|-----------------------------------|-------------------|
| Acute oral toxicity:              | No data available |
| Acute dermal toxicity:            | No data available |
| Skin corrosion/irritation         | No data available |
| Serious eye damage/eye irritation | No data available |
| Respiratory or skin sensitisation | No data available |
| Germ cell mutagenicity            | No data available |
| Carcinogenicity                   | No data available |
| Reproductive toxicity             | No data available |
| STOT - single exposure            | No data available |
| STOT - repeated exposure          | No data available |
| Aspiration toxicity               | No data available |

### 11.2 Information on other hazards

No additional information available

### 11.3 Endocrine disrupting properties

No additional information available

### 11.4 Additional information:

Data obtained by analogy e.g. QSAR.

## 12. SECTION: Ecological 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

**12.5 Results of PBT and vPvB assessment** No additional information available

**12.6 Endocrine disrupting properties** No additional information available

**12.7 Other adverse effects** No additional information available

### 12.8 Behavior in environmental compartments:

Technically correct releases of minimal concentrations to adapted biological sewage plants will not disturb the biodegradability of activated sludge.

### 12.9 Further information:

Do not allow uncontrolled discharge of product into the environment

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## 13. SECTION: Disposal considerations

### 13.1 Waste treatment procedures

#### Product:

With respect to local regulations, e.g. dispose of into suitable waste incineration plant.

Waste designations in accordance with AVV

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 the "European Waste Types"- list (decision on EU Waste Types List 2000 532 EC) in cooperation with the disposal company / producing company / official authority.

#### Empty packages:

Non-contaminated packages may be recycled. Packing that cannot be properly cleaned must be disposed of.

## 14. SECTION: Transport information

In accordance with ADR / IMDG / IATA / AND / RID

- |      |                                                         |                                                               |
|------|---------------------------------------------------------|---------------------------------------------------------------|
| 14.1 | UN number or ID number                                  | Not regulated as a dangerous good (ADN, ADR, RID, IMDG, IATA) |
| 14.2 | UN proper shipping name                                 | Not applicable                                                |
| 14.3 | Transport hazard class(es)                              | Not applicable                                                |
| 14.4 | Packing group                                           | Not applicable                                                |
| 14.5 | Environmental hazards                                   | Not applicable                                                |
| 14.6 | Special precautions for user                            |                                                               |
|      | Overland transport                                      | Not applicable                                                |
|      | Transport by sea                                        | Not applicable                                                |
|      | Air transport                                           | Not applicable                                                |
|      | Inland waterway transport                               | Not applicable                                                |
|      | Rail transport                                          | Not applicable                                                |
| 14.7 | Maritime transport in bulk according to IMO instruments |                                                               |
|      | Not applicable                                          |                                                               |

## 15. SECTION: Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substances or mixture:

#### EU-Regulations

The product does not require a hazard warning label in accordance to 67 548 EWG and EC 1999 45; as well as EC1272 2008, actual version.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

The product does not contain synthetic polymer microparticles

Number on list 78:

(potential) synthetic polymer microparticles (SPM)  
content:

the product does not contain synthetic polymer micro-  
particles  
0 %

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## National Regulation

Please check local regulation and contact administration.

Water hazard class: generally hazardous to water

## 16 SECTION: Other information

### 16.1 Change notices

With this latest version of the safety data sheet, all previous versions automatically lose their validity.

### 16.2 Remark Safety Data Sheet

According Article 31 versions only in German and English language are requested. The translation in other languages is not foreseen. This information is provided for safety and emergency case; the physical and chemical properties show a general range; for specification and detailed application data please see Technical Data Sheet.

### 16.3 Disclaimer

This document is prepared as a communication tool to inform downstream users regarding the status of this substance under REACH and CLP, some of its intrinsic properties, as well as to communicate the guidance on safe use. An extended Safety Data Sheet (SDS) is not required for this substance according to Article 31 of Regulation EC 1907 2006 (REACH). Consequently, the format and content of this document is outside the scope of SDS as specified in Commission Regulation EC 453 2010, amending Regulation EC 1907 2006.

The information in this safety data sheet is correct to the best of our knowledge and belief at the time of printing. Subsequent status corrections cannot be ruled out, and the company accepts no liability for any resulting consequences. The product(s) is/are intended exclusively for use in industrial plants. The consequences of any other use are the responsibility of the user. This information is intended to provide guidance on the safe handling, storage, processing, transport, and disposal of the product named in this safety data sheet.

This information is not transferable to other products. If the product named in this safety data sheet is mixed, blended, or processed with other materials, or is subjected to any processing, the information in this safety data sheet cannot be transferred to the new material thus manufactured, unless expressly stated otherwise.

### 16.4 Additional notices

For safe handling of hot melt masses and waxes please ask for safety recommendation sheet.

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