

Safety information sheet

Version: 1.0 EN

Dammar resin

Article number: D10114

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	Dammar resin
CAS number	9000-16-2
EC number	232-528-4
REACH registration	-

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

Description/use	The product is intended for use as a coating, for example in paints, inks and varnishes. For information on other possible applications, please contact us at the telephone number provided. We will be happy to connect you with the appropriate contact person.
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1.3 Details of the supplier providing the safety information sheet

Company	DistrEbution GmbH
Address	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.)

2 Potential hazards

2.1 Classification of the substance or mixture

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

2.2 Label elements

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

2.3 Other hazards

Not classified as a PBT or vPvB substance according to assessment. Does not contain any endocrine-disrupting properties (no ED $\geq$ 0.1%).

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 characterization:	Natural resin (dammar)
CAS number	9000-16-2
EC number	232-528-4
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

Remove contaminated clothing.

After eye contact

Remove contact lenses. Rinse eyes thoroughly with water for several minutes, keeping eyelids open.

After skin contact

If the product comes into contact with skin, clean the affected area with water.

Inhalation or ingestion

Move the affected person to fresh air. Consult a doctor if respiratory irritation occurs. Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

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4.3 Indication of any immediate medical attention and special treatment needed

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5 Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents

Water, foam, dry extinguishing agent, ABC powder

Unsuitable extinguishing agents

Full water jet

5.2 Special hazards arising from the substance or mixture

In the event of a fire, dangerous fumes and gases may be produced, including carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Protective equipment for firefighters

Do not inhale explosion and fire gases. Fight fire with standard precautions from a safe distance. Wear self-contained breathing apparatus.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personnel not trained for emergencies: Avoid generating dust.

6.2 Environmental precautions

Prevent entry into drains, surface water and groundwater. Retain contaminated washing water and dispose of it properly.

6.3 Methods and material for containment and cleaning up

Cover spilled material and collect it mechanically.

Place collected material in suitable containers for disposal.

6.4 Reference to other sections

Hazardous combustion products: see Section 5.

Personal protective equipment: see Section 8.

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Incompatible materials: see Section 10.

Disposal instructions: see Section 13.

7 Handling and storage

7.1 Precautions for safe handling

No special precautions required.

Keep away from food, beverages and animal feed.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place.

Incompatible substances or mixtures

See section 10 for information.

Ventilation requirements

Use local and general ventilation.

Special requirements for storage rooms or containers

Recommended storage temperature: 15–25 °C.

Keep container tightly closed.

Storage of hazardous substances in mobile containers (TRGS 510, Germany)

Storage class (LGK): 11 (combustible solids)..

7.3 Specific end uses

No further information available.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

Occupational exposure limits (AT):

- Biologically inert suspended particles (inhalable fraction): MAK 10 mg/m³, KZW 20 mg/m³ (60 min).
- Biologically inert suspended particles (alveolar fraction): MAK 5 mg/m³, KZW 10 mg/m³ (60 min).

8.2 Limitation and monitoring of exposure

Respiratory protection

Respiratory protection required in case of dust formation. Use particle filter device (EN 143) P1 (minimum 80% filter efficiency, identification colour: white).

Hand protection

Wear suitable protective gloves (EN 374).

- Type of material: NBR (nitrile rubber).
- Material thickness: >0.11 mm.
- Breakthrough time: >480 minutes (permeation level 6). Take breaks to allow the skin to regenerate. Preventive skin protection (protective creams/ointments) recommended.

Eye protection

Wear safety goggles with side protection.

Body protection

Wear chemical-resistant work clothing.

Limitation and monitoring of environmental exposure

Prevent penetration into the sewage system, surface water and groundwater.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Solid
Colour	Light yellow - clear
Odour	Odourless
pH value	No data available
Melting point	150°C
Boiling point	No data available
Flammability	Material is combustible, but not highly flammable
Lower and upper explosion limits	Not relevant (solid)
Flash point	No data available
Ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Water solubility	No data available
Partition coefficient n-octanol/water:	No data available
Vapour pressure	No data available
Density	1.04 – 1.12 g/cm ³
Relative vapour density	No data available
Particle properties	No data available

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Oxidising properties

None

9.2 Other information

Information on physical hazard classes

Hazard classes according to GHS (physical hazards): not relevant

Other safety-related parameters:

1.5

Refractive index

10 Stability and reactivity

10.1 Reactivity

The product is not dust explosive in the form in which it is supplied; however, the accumulation of fine dust may lead to a dust explosion hazard.

10.2 Chemical stability

Stable under normal environmental conditions and when stored and handled in accordance with the recommended temperature and pressure conditions.

10.3 Possibility of hazardous reactions

Violent reactions possible with strong oxidising agents.

10.4 Conditions to avoid

No special conditions to avoid are known.

10.5 Incompatible materials

No additional information.

10.6 Hazardous decomposition products

Hazardous combustion products: see Section 5.

11 Toxicological information

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

Acute toxicity

Not acutely toxic.

Skin corrosion/irritation

Not classified as corrosive/irritating to the skin.

Serious eye damage/eye irritation

Not classified as seriously damaging to the eyes or irritating to the eyes.

Respiratory or skin sensitisation

Not classified as an inhalation or skin allergen.

Germ cell mutagenicity

Not germ cell mutagenic.

Carcinogenicity

Not carcinogenic.

Reproductive toxicity

Not toxic to reproduction.

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Distribution

Specific target organ toxicity after
single exposure

Not specifically toxic to target organs.

Specific target organ toxicity after
repeated exposure

Not specifically toxic to target organs.

Aspiration hazard

Not hazardous if aspirated.

Symptoms related to physical, chemical and toxicological properties

No data available

11.2 Endocrine-disrupting properties

Does not contain any endocrine disruptors (ED) in a concentration of $\geq 0.1\%$.

11.3 Information on other hazards

No data available

12 Environmental information

12.1 Toxicity

Not classified as hazardous to water

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

Does not contain any endocrine disruptors (ED) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

No additional information available

13 Disposal instructions

13.1 Waste treatment method

Contact the responsible, authorised waste disposal company for disposal.

Product disposal

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Do not allow to enter the sewage system.

Packaging disposal

Contaminated packaging must be treated in the same way as the substance.
Completely emptied packaging can be recycled.

13.2 Relevant waste legislation

Waste must be classified and labelled in accordance with the applicable waste lists (e.g. EAKV) specific to the industry and process.

13.3 Comments

Waste must be separated and treated in such a way that proper disposal via municipal or national systems is guaranteed. Please observe the applicable regional and national regulations. Uncontaminated, completely emptied packaging can be recycled.

14 Transport information

14.1 UN number or ID number

The product is not subject to transport regulations.

14.2 Proper UN shipping name

Not assigned

14.3 Transport hazard classes

None

14.4 Packaging group

Not assigned

14.5 Environmental hazards

Not environmentally hazardous according to dangerous goods regulations

14.6 Special precautions for the user

Land transport	Not applicable
Sea transport	Not applicable
Air transport	Not applicable
Inland waterway transport	Not applicable
Rail transport	Not applicable

14.7 Bulk transport by sea in accordance with IMO regulations

The cargo is not transported as bulk cargo

14.8 Information according to the individual UN model regulations

Transport of dangerous goods by road, rail or inland waterways (ADR/RID/ADN)

Not classified as dangerous goods according to ADR, RID or ADN regulations.

International Maritime Dangerous Goods Code (IMDG)

Not classified as dangerous goods according to IMDG regulations.

International Civil Aviation Organisation (ICAO/IATA/DGR)

Not classified as dangerous goods according to ICAO or IATA regulations.

15 Legislation

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

15.1.1 EU regulations

- REACH Annex XVII: not listed
- REACH Annex XIV / SVHC candidate list: not listed
- Seveso III Directive: not assigned
- VOC content according to Decopaint and IE Directive: 0%
- RoHS, PRTR, WRR, Explosives Ordinance: not listed
- ODS, PIC, POP: not listed

15.1.2 National regulations

- Germany: WGK 1 (slightly hazardous to water)
- TA Luft: Total dust, class 5.2.1, conc. ≥ 25 wt. %
- Storage class (TRGS 510): 11 (combustible solids)
- Austria: VbF not applicable (physical state: not liquid)
- Observe employment restrictions in accordance with youth employment protection and maternity protection guidelines

15.1.3 International directories

The product is listed in the following chemical inventories:

AU (AIIIC), CA (DSL), CN (IECSC), EU (ECSI), JP (ENCS/ISHL), KR (KECI), MX (INSQ), NZ (NZIoC), PH (PICCS), TW (TCSI), US (TSCA), VN (NCI).

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this substance.

16 Other information

16.1 Abbreviations and acronyms

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

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

IMDG – International Maritime Dangerous Goods Code

IATA – International Air Transport Association

GHS – Globally Harmonised System of Classification and Labelling of Chemicals

EINECS – European Inventory of Existing Commercial Chemical Substances

CAS – Chemical Abstracts Service

EC50 – Effective concentration, 50%

LC50 – Lethal concentration, 50%

LD50 – Lethal dose, 50%

TWA – Time Weighted Average

STEL – Short Term Exposure Limit

PBT – Persistent, Bioaccumulative and Toxic

vPvB – Very Persistent and Very Bioaccumulative

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.

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.