

Safety information sheet

Version: 1.0 EN

Bone glue, technical gelatine

Article number: D10103

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	Bone glue
CAS number	-
EC number	-
REACH registration	-

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

Description/use	The product is intended for industrial use. For further information on specific applications, please contact us at the telephone number provided – we will be happy to put you in touch with the relevant specialist department.
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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.)

2 Potential hazards

2.1 Classification of the substance or mixture

Not classified according to Chemicals Regulation (EC) Nr.1272/2008.

2.2 Label elements

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

2.3 Other hazards

Other hazards not leading to classification:

Moisture in the material may lead to mould and bacteria growth. The product may cause nuisance dust in uncontrolled environments.

Does not contain any PBT and/or vPvB substances $\geq 0.1\%$, as assessed in accordance with REACH Annex XIII.

The substance is not listed in the list established in accordance with Article 59(1) of the REACH Regulation, as it does not have endocrine-disrupting properties or has not been identified as such – in accordance with the criteria of Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

3 Composition/information on ingredients

Chemical	Bone Glue
characterization:	
CAS number	-
EC number	-
REACH registration	-
Hazardous ingredients	-
Nanoparticles	No nanoparticles according to Regulation (EU) 2018/1881

4 First-aid measures

4.1 Description of first-aid measures

If you feel unwell, seek medical advice (show the label if possible).

After eye contact

Rinse cautiously with water for several minutes. Remove any contact lenses if possible and continue rinsing. If eye irritation persists, seek medical advice.

After skin contact

Wash with plenty of soap and water. Remove contaminated clothing immediately.
If skin irritation occurs, seek medical advice.

Inhalation or ingestion

Move the affected person to fresh air and ensure calm breathing.

The product may occur as irritating dust in uncontrolled environments. Rinse mouth thoroughly. If you feel unwell, contact a doctor or poison control centre.

4.2 Most important symptoms and effects, both acute and delayed

May cause slight skin irritation or allergic skin reactions. May cause eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents

Water mist, dry extinguishing agent, foam

Unsuitable extinguishing agents

Full water jet

5.2 Special hazards arising from the substance or mixture

Fire hazard: No particular fire hazard.

Explosion hazard: Dust clouds may form explosive mixtures with air.

Hazardous decomposition products: Fires may produce toxic fumes, e.g. phosphorus oxides and other toxic combustion products.

5.3 Advice for firefighters

Fight the fire from a safe distance and a protected position.

Do not enter the fire area without suitable protective equipment.

Only proceed with suitable personal protective equipment, including self-contained breathing apparatus and full protective clothing.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personnel not trained for emergencies

Ventilate the area. Avoid contact with skin and eyes.

For emergency personnel

Only work with suitable protective equipment (see Section 8).

Do not act without appropriate personal protective equipment.

Remove unnecessary personnel from the danger zone.

6.2 Environmental precautions

Prevent from entering the sewage system, surface waters or groundwater.

6.3 Methods and material for containment and cleaning up

Avoid dust formation as far as possible. Collect product mechanically. Collect larger quantities with a pump or vacuum cleaner. Settled dust can be vacuumed up.

6.4 Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protective equipment.

See section 13 for information on disposal.

7 Handling and storage

7.1 Precautions for safe handling

Information on safe handling

Ensure good ventilation of the work area. Avoid dust formation. The voluntary use of safety goggles, protective clothing and dust masks can reduce the risk of irritation. Avoid contact with skin and eyes. Work in accordance with the principles of good industrial hygiene and safety.

Information on fire and explosion protection

Wash contaminated clothing before reuse. Do not eat, drink or smoke while working.

Wash hands thoroughly after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Store the product in its original packaging or in suitable storage facilities (e.g. silos). When storing, the requirements for food products (Regulation (EC) No. 853/2004) and for products not intended for human consumption (Regulations (EC) No. 1069/2009 and No. 142/2011) must be observed. Contamination with other substances or a reduction in quality must be avoided.

Store in a cool, dry and well-ventilated place.

Incompatible substances:

Do not store together with strong oxidising agents.

Heat and ignition sources:

Keep away from heat and direct sunlight.

7.3 Information on storage in one common storage facility

No information available.

7.4 Specific end uses

No information available.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

No information available.

8.2 Limitation and monitoring of exposure

8.2.1 Appropriate engineering controls

Ensure good ventilation of the workplace.

8.2.2 Personal protective equipment

Respiratory protection

Wear a suitable dust mask in case of heavy dust formation.

Hand protection

Protective gloves must be selected according to other chemicals used. Preventive hand protection is recommended. Regular use of skin protection cream is advised.

Eye protection

Wear safety goggles in accordance with DIN EN 166 that are suitable for the respective work area.

Skin protection

Under normal conditions, no special protective clothing is required.

In case of repeated or prolonged contact, wear protective gloves that are resistant to chemical penetration (in accordance with EN ISO 374-1 or equivalent).

Clean contaminated clothing before reuse.

Other protective measures

No information available.

Limitation and supervision of exposure to the environment

No information available.

9 Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form	Solid, powder
Colour	White to light yellow
Odour	Characteristic
pH value	3 – 7.3
pH value (solution)	No data available
Melting point	No data available
Boiling point	No data available
Flammability	No data available
Explosive properties	Dust explosion class: St 1
Lower explosion limit	No data available
Upper explosion limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity (kinematic)	3.5 – 10 mm ² /s
Solubility	Soluble in water
Partition coefficient n-octanol/water (Log Kow)	No data available
Vapour pressure	No data available
Vapour pressure at 50°C	No data available
Density	No data available
Relative density	No data available
Relative vapour density at 20°C	No data available
Particle size	No data available

9.2 Other information**9.2.1 Information on physical hazard classes**

Dust explosion index: 0 – 200 bar·m/s

Dust explosion class: St 1 – slightly explosive

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10 Stability and reactivity

10.1 Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

In powder or granule form, a dust explosion may occur in combination with air.

10.4 Conditions to avoid

Keep away from heat, sparks, open flames and hot surfaces.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Under normal storage and use conditions, no hazardous decomposition products should be formed.

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
Acute inhalation toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available

11.2 Information on other hazards

Endocrine disrupting properties

No data available

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12 Environmental information

12.1 Toxicity

Not classified

12.2 Persistence and degradability

Bone protein:

Biodegradation in water: No data available.

Crude protein (N/A):

Biodegradation in water: No data available.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

13 Disposal instructions

13.1 Waste treatment methods

Product disposal

Disposal must be carried out in accordance with local regulations and in consultation with an approved waste disposal company.

Disposal of packaging

Uncontaminated and completely empty packaging can be recycled. Packaging that is not completely empty or contaminated must be disposed of in the same way as the product itself.

14 Transport information

14.1 UN number or ID number

Not classified as dangerous goods according to transport regulations (ADN, ADR, RID, IMDG, IATA).

14.2 Proper UN shipping name

No information available.

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14.3 Transport ICAO-TI / IATA

No information available.

14.4 Packing group

No information available.

14.5 Environmental hazards

No information available.

14.6 Special precautions for user

No information available.

14.7 Transport in bulk by sea according to IMO regulations

No data available.

15 Legislation

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

15.1.1 EU regulations

- REACH Annex XVII (Restriction List): Not listed.
- REACH Annex XIV (Authorisation List): Not listed.
- REACH Candidate List (SVHC): Not listed.
- PIC Regulation (Regulation (EU) 649/2012): Not listed.
- POP Regulation (Regulation (EU) 2019/1021): Not listed.
- Ozone legislation (Regulation (EC) 1005/2009): Not listed.
- Dual-Use Regulation (EC) 428/2009: Does not contain any substances subject to this regulation.
- Regulation on Explosive Precursors (EU) 2019/1148: Does not contain any substances listed as explosive precursors.
- Regulation on Drug Precursors (EC) 273/2004: Does not contain any substances listed as drug precursors.

15.1.2 National regulations

Water hazard class

nwg - not hazardous to water

Major Accidents Ordinance

Not applicable

15.2 Chemical safety assessment

A chemical safety assessment has not 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

IMDG - International Maritime Dangerous Goods Code

IATA - International Air Transport Association

ICAO-TI - International Civil Aviation Organization Technical Instructions

CLP - Classification, Classification, Labeling and Packaging of Substances and Mixtures

GHS - Globally Harmonized System of Classification and Labeling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

CAS - Chemical Abstracts Service (registration number)

REACH - Registration, Evaluation, Authorization and Restriction of Chemicals, Registration, Evaluation, Authorization and Restriction of Chemicals

PBT - Persistent, Bioaccumulative and Toxic

vPvB - Very Persistent and Very Bioaccumulative

PNEC - Predicted No Effect Concentration 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.