

Safety information sheet

Version: 1.0 EN

Gum arabic powder, E 414

Article number: D10266

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	Gum arabic powder
CAS number	9000-01-5
EC number	232-519-5
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 stabilizer, emulsifier, foam stabilizer and as an additive in the food and animal feed industries. It is also used in the production of pharmaceuticals. For information on other possible applications, please contact us on the telephone number given. We will be happy to put you in touch with the relevant contact person.
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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.)

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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

No data available.

3 Composition/information on ingredients

Chemical	Gum arabic powder
characterization:	
CAS number	9000-01-5
EC number	232-519-5
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

In case of doubt or if symptoms occur, seek medical advice.

After eye contact

Rinse opened eye thoroughly with water.

After skin contact

In case of skin contact with the product, wash the affected area with soap and water.

Inhalation or ingestion

Remove the affected person to fresh air. Rinse mouth thoroughly with water. Seek medical advice if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available. Treat symptomatically.

5 Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents

Carbon dioxide (CO₂), water spray jet, extinguishing powder, alcohol-resistant foam

Unsuitable extinguishing agents

Full water jet

5.2 Special hazards arising from the substance or mixture

Fire gases from organic materials must always be classified as respiratory poisons.

5.3 Advice to firefighters

Protective equipment for firefighters

In case of fire, wear self-contained breathing apparatus.

Additional information

Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection in case of exposure to vapors, dust or aerosols. Avoid contact with skin, eyes and clothing. Keep away from sources of ignition. Use suitable personal protective equipment as described in section 8.

6.2 Environmental precautions

Avoid entry into drains, surface waters or groundwater.

6.3 Methods and material for containment and cleaning up

Pick up material dry and place in suitable containers for recovery or disposal. Then clean thoroughly.

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

Avoid dust formation and dust deposits. Do not eat, drink or smoke while working. Wash hands thoroughly before breaks and after work. Change contaminated clothing. Do not inhale dust. Take measures to avoid electrostatic charging. Keep away from sources of ignition and naked flames.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Requirements for storage rooms and containers

Keep container tightly closed. Store in a cool and dry place. Store in well ventilated areas.

7.2.2 Incompatible product

Do not store together with strong oxidizing agents. Other substances to avoid: see section 10.

7.2.3 Storage class according to TRGS 510

10-19 – Other flammable and non-flammable liquids and solids not assigned to storage classes 1-8.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

No parameters available for monitoring.

8.2 Limitation and monitoring of exposure

8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the workplace. If dust develops, take suitable extraction or ventilation measures to minimize dust exposure.

8.2.2 Personal protective equipment

Respiratory protection

Use a suitable respirator if dust is generated.

Hand protection

Protective gloves (recommended). Selection depends on the requirements of the workplace.

Eye protection

Safety goggles are recommended.

Body protection

Body protection equipment must be selected according to the requirements of the workplace. The chemical resistance must be clarified with the supplier.

Other protective measures

Do not allow to enter the sewage system.

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

Form	Powder
Color	White to yellow
Odor	Odorless
pH	4.1 - 5.8
Melting point	No data available
Boiling point	No data available
Decomposition point	No data available
Flash point	> 250°C
Ignition temperature	No data available
Flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	No data available
Density	No data available
Bulk density	600 kg/m ³
Water solubility	40% - soluble
Solubility(ies)	No data available
Partition coefficient n-octanol/water:	No data available
Kinematic viscosity	No data available
Particle properties	No data available

9.2 Other information

No data available.

10 Stability and reactivity**10.1 Reactivity**

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No data available

10.2 Chemical stability

Stable under normal conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Dust explosion hazard.

10.4 Conditions to avoid

The product is stable at room temperature. Avoid heat, open flames and other sources of ignition.

10.5 Incompatible materials

Oxidizing agent.

10.6 Hazardous decomposition products

No data available.

11 Toxicological information

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

Non-human toxicological data

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 (single exposure) No data available

Aspiration hazard No data available

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

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12 Environmental information

12.1 Toxicity

No data available

12.2 Persistence and degradability

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

12.8 Other information

Do not allow product to enter the environment unattended.

13 Disposal instructions

13.1 Waste treatment methods

Product disposal

The product must be disposed of in accordance with the applicable local regulations. The assignment of a waste code number in accordance with the European Waste Catalog (AVV) must be carried out in consultation with the responsible regional waste disposal company.

Disposal of packaging

Packaging must be completely emptied and disposed of in the same way as the product. Packaging that cannot be cleaned must also be treated in the same way as the substance itself.

14 Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

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14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available

14.5 Environmental hazards

No data available

14.6 Special precautions for user

No data 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

- The product does not contain any substances that are subject to authorization in accordance with REACH Regulation (EC) No. 1907/2006 Annex XIV.
- It is not a substance on the REACH Candidate List of Substances of Very High Concern (SVHC).
- The product is not subject to restrictions according to REACH Regulation (EC) No. 1907/2006 Annex XVII.
- Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances is not applicable - the substance is not listed in Annex I, Part 1 or 2.

15.1.2 National regulations

Water hazard class	WGK 1 (slightly hazardous to water)
Identification no.:	8055
Source	Classification according to AwSV (Ordinance on Installations for Handling Substances Hazardous to water)

15.2 Chemical safety assessment

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16 Other information

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16.1 Recommended restrictions on use

This safety data sheet is based on the national workplace exposure limit lists of the respective countries and the current versions of the transport regulations according to ADR, RID, IMDG and IATA. Regulations (EC) No. 1907/2006 (REACH) and 1272/2008 (CLP) were also taken into account.

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.