

Safety Data Sheet

Gum arabic

1. Identification of the substance/mixture and of the company				
Tradename	Gum arabic/Gum acacia			
Assignment	Stabilizer, emulsifier, protective colloid in food, cosmetic, pharmaceutical and technical applications.			
Producer/Distributor	Willy Benecke GmbH			
	Hovestraße 41, 20539 Hamburg			
Tel	+49-40-780444-0	Fax	+49-40-780444-33	
E-Mail	info@willy-benecke.com	Homepage	www.willy-benecke.com	
Emergency	+49-40-780444-0 (Available during office hours: Mon-Fri: 8:00-16:00)			
2. Hazards identification				
Special environmental or health risk	Not hazardous according to regulation EU No. 1272/2008			
3. Composition/information on ingredients				
Chem. characterization	Gum Arabic is a natural gum of Acacia senegal or other related species consisting of complex polysaccharide.			
Substance	CAS-No	EG-No	Symbol	H-Phrases
Gum arabic	9000-01-5	232-519-5	None	None
4. First aid measures				
After skin contact	Wash contaminated skin with water.			
After inhalation	Remove person to fresh air. Seek medical advice.			
After eye contact	Rinse affected eye with plenty of water for at least 15 minutes. Seek medical advice.			
After swallowing	Allow to drink water. If you feel unwell, seek medical advice.			
5. Firefighting measures				
Appropriate fire-extinguishing materials	Water jet spray, powder, CO ₂ , fire-extinguishing foam.			
Special hazard	None			
Advice for firefighters	None special, in case of fire wear self-contained breathing apparatus if necessary.			
6. Accidental release measures				
Personal precautions	No special precautions. Avoid high dust concentration.			
Environmental precautions	Contain spilled material			
Methods and material for containment and cleaning up	Setting up barriers. Seal the sewage system. Pick up mechanically and dispose of.			
7. Handling and storage				
Handling	Avoid dust formation.			
Fire and explosion prevention	Dust explosion potential possible in the case of fine powders. Dust-free instant forms available.			
Storage	Store dry at ambient temperatures			

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8. Exposure controls/personal protection	
Occupational exposure limits	None TLV dust in general (threshold limit value) max 6 mg/m ³
Individual safety equipment	No special requirements Conform to national technical regulations
Respiratory protection	Not necessary in well ventilated rooms, respiratory mask in case of high dust generation.
Eye protection	Not necessary, safety glasses if required
Hand and skin protection	Standard work clothes
General hygienic measures	Do not smoke, eat or drink while working.
9. Physical and chemical properties	
Physical state	Solid / lumps, granulates or fine/instant powders
Colour	Gum: white, yellowish to brown, Powder :white to beige/brownish
Odour	Odourless
pH	4-5 (in 10% water) - slightly acidic
Solubility in water	about 500g/L
10. Stability and reactivity	
Conditions to avoid:	High temperatures, direct sunlight
Incompatibility with various substances	No hazardous reactions expected
Hazardous decomposition products	No decomposition when used as directed
11. Toxicological information	
Acute Toxicity	Non-toxic, ADI not specified, US: GRAS (LD50 Oral-Rat >16000 mg/kg)
Dermal/Inhalation	-
Endocrine disrupting properties	The substance/mixture does not contain any components listed as endocrine disruptors.
12. Ecological information	
Persistence/degradability	Completely biodegradable
Bio accumulative potential	No bio accumulative potential
Water hazard classification	WGK 1 - slightly hazardous to water
13. Disposal considerations	
Recommendation	Non-hazardous waste. Small quantities via household and commercial waste. Dispose of in accordance with national and regional regulations. Observe waste directive 2008/98/EC.
14. Transport information	
Transport ADR/RID	Non dangerous goods
ADN/ADNR	Non dangerous goods
IMDG/GGVSea	Non dangerous goods
Air transport ICAO-TI, IATA/GDR	Non dangerous goods
	According to applicable hygiene and safety regulations

15. Regulatory information

Regulation EU 1907/2006: Exemption as a food additive according to Article 2 or according to Annex V, 8 natural product

Regulation EU 1272/2008: Not classified as hazardous

Indication of danger according to CLP	Symbol	None	Wording	-
	H-phrases	None		
	P-phrases	P305+ P351+ P338	WHEN IN CONTACT WITH EYES: Continual rinsing of eyes for extended period. Remove contacts lenses if applicable. Continue rinsing.	
Substances of Very High Concern (SVHC)	None			

16. Other information

No safety data sheet in accordance with article 31 of the REACH-Regulation is required for this product. It will be a voluntary service for the communication of safety-relevant aspects in the format based on REACH Regulation (EC) No 1907/2006.

The information is based on the current state of our knowledge. Accordingly, the information in this data sheet is given to the best of our knowledge and belief and serves only to describe the product in terms of safety. However, it does not constitute a guarantee of product characteristics and does not establish a contractual legal relationship relevant to warranty. As a precaution, we point out that every user as a purchaser is obliged by law to carry out an initial inspection of the product and to determine the safety and suitability of the product for the purposes intended by the user.

Prepared by: Willy Benecke GmbH, Sources: Römpf, Kühn-Birett, Merck, BIA, Sorbe, Geftrans, Umweltbundesamt Deutschland.