

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product	Gum Arabic
Name of substance	Gum arabic
EC No	232-519-5
CAS No	9000-01-5

Manufacturer/distributor

YouWish
Venserweg 21M
1112AR Diemen The Netherlands
Tel: +31 6 83295085
Email: info@youwish.nl

Recommended intended purpose(s)

Additive for the food -, medicine -, cosmetic and paper industry.

2. Hazards identification

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Additional hints

This product is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Information pertaining to special dangers for human and environment

No hazardous product as specified in Directive 67/548/EEC.

3. Composition/information on ingredients

Description

Natural polysaccharide
Dried exudate of Acacia Senegal or Acacia Seyal.

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EC No 232-519-5	

Additional advice

Gum arabic CAS-Nr. 9000-01-5; EG-Nr. 232-519-5; E-Nr. E 414

4. First aid measures

General information

not relevant

In case of inhalation

not relevant

In case of skin contact

not relevant

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

not relevant

5. Firefighting measures

Suitable extinguishing media

All extinguishing agents are suitable.

Foam

Dry fire-extinguishing substance

Water spray jet

Special hazards arising from the substance or mixture

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Additional information

Cool endangered containers with water spray jet.

Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions

Avoid dust formation.

Environmental precautions

Do not let in concentrated form into the drains/surface water/ground water.

Methods for cleaning up

Take up mechanically and send for disposal.

7. Handling and storage

Advice on safe handling

Keep away from ignition sources - no smoking

Avoid the formation and deposition of dust.

Advice on protection against fire and explosion

In case of special conditions product may dust-explode.

Further information on storage conditions

Protect from light.

Protect from direct solar radiation.

Store container at cool and aired place.

8. Exposure controls/personal protection

Additional advice on system design

Avoid dust accumulation.

Respiratory protection

In case of dust formation wear micro dust mask.

Hand protection

not necessary

Eye protection

not necessary

Skin protection

Protective clothing

General protective measures

not applicable

Hygiene measures

Please observe work hygiene regulations.

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

9. Physical and chemical properties

Form
powder

Colour
whitish

Odour
odourless

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	ca. 4,5	20 °C	100 g/l		in water
Flash point	> 250 °C				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Bulk density	600 kg/m ³				
Solubility in water	30 - 40 % weight	20 °C			soluble
Solubility/other			ethanol		insoluble

10. Stability and reactivity

Conditions to avoid

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

Materials to avoid

No data available.

Hazardous decomposition products

With regard to possible decomposition products refer to Section 5.

Thermal decomposition

Remark No decomposition if used as directed.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 16000 mg/kg	rat		RTECS Number CE5945000

Experiences made from practice

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological information

General regulation

No risk of ecological problems if properly handled and used

13. Disposal considerations

Recommendations for the product

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management (Act 8 KrW-/AbfG) stipulates recycling as a requirement.

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Recommended cleansing agent

Water

14. Transport information

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

15. Regulatory information

16. Other information

Further information

The information contained herein is based on the state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Each user is responsible for the implementation of the national special regulations.

Sources of key data used

RTECS: Registry of Toxic Effects of Chemical Substances