

According to directive 1907/2006/EC, 2020/878  
Version 8.5 Revision date: 05-07-22  
Trade name: Gum Arabic

Page: Page 1 from 7  
Print date: 2-2-2023

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1 Product identification:**

Product name: Gum Arabic  
REACH Number : A registration number is not available for this substance because the substance or use is exempted from registration, the annual volume does not require registration or the registration is scheduled with a later registration deadline.

CAS No : 9000-01-5

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

Main use: Industrial use, Professional use.  
Uses advised against: None known.

### **1.3 Details of the supplier of the safety data sheet:**

Responsible distributor : ASSYST bvba / A.S.O.W. bvba  
Hellegatstraat 13a  
2590 Berlaar  
Belgium  
Tel: +32 495 50 61 14 / +32 496 83 70 27  
Website: [www.assyst.org](http://www.assyst.org) / [www.artsuppliesonweb.com](http://www.artsuppliesonweb.com)  
Email: [ao@assyst.org](mailto:ao@assyst.org) / [vera.opsommer@assyst.org](mailto:vera.opsommer@assyst.org)

### **1.4 Emergency phone number:**

For Belgium: Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.  
NHS 24 Direct For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

## **SECTION 2: Hazard identification**

### **2.1 Classification of the substance or mixture:**

**Classification according to directive (EC) No 1272/2008 and its amendments.**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### **2.2 Labelling elements:**

**Labelling according to regulation (EC) No 1272/2008 [CLP/GHS]:**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### **2.3 Other hazards:**

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### **Ecological information:**

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

#### **Toxicological information:**

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

# SAFETY DATA SHEET

According to directive 1907/2006/EC, 2020/878  
Version 8.5 Revision date: 05-07-22  
Trade name: Gum Arabic

Page: Page 2 from 7  
Print date: 2-2-2023

## **SECTION 3: Composition and information on ingredients**

### 3.1 Substances:

<b>Substance name (synonyms):</b>	<b>Product identification</b>	<b>%</b>	<b>Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP].</b>
Gum Arabic	CAS No : 9000-01-5 EC No : 232-519-5	<= 100 %	-

Specific composition due to applicable regulations not necessary to show.

## **SECTION 4: First aid measures**

### 4.1 Description of first-aid measures:

#### **By inhalation:**

After inhalation: fresh air.

#### **On contact with skin:**

In case of contact with skin: Remove contaminated clothing immediately.  
Rinse skin with water/ shower off.

#### **On contact with eyes:**

After eye contact: rinse with plenty of water. Remove contact lenses.

#### **If swallowed:**

After swallowing: make victim drink water (no more than two glasses).  
If unwell: consult doctor.

### 4.2 Main acute and delayed symptoms and effects:

The main known symptoms and effects are described on the label (see section 2.2) and/or section 1.1.

### 4.3 Indication of immediate medical attention and special treatment required:

No data available

## **SECTION 5: Fire-fighting measures**

### 5.1 Extinguishing media:

#### **Suitable extinguishing agents:**

Water  
Foam  
Carbon dioxide (CO2)  
Dry powder

#### **Unsuitable extinguishing media:**

There are no restrictions on extinguishing agents for this substance/mixture.

### 5.2 Special hazards arising from the substance or mixture:

Nature of decomposition products not known.  
Flammable.

In case of fire, dangerous fire gases and vapours may be generated.

### 5.3 Advice for firefighters:

In case of fire, wear a compressed air mask.

### 5.4 Further information

None.

## **SECTION 6: Measures in case of accidental release of the substance or mixture**

### 6.1 Personal precautions, protective equipment and emergency procedures:

Advice for non-aid workers:

Avoid dust inhalation.

Clear danger zone, follow emergency procedures, consult an expert.

For personal protection, see section 8.

### 6.2 Environmental precautions:

Do not allow product to enter drains.

According to directive 1907/2006/EC, 2020/878  
Version 8.5 Revision date: 05-07-22  
Trade name: Gum Arabic

Page: Page 3 from 7  
Print date: 2-2-2023

## 6.3 Methods and materials for containment and cleaning:

Cover drains.  
Collect, bind and pump spilled material .  
Observe possible material restrictions (see paragraphs 7 and 10).  
Dry recording.  
Send for disposal.  
Clean contaminated surface.  
Avoid formation of dust.

## 6.4 Reference to other sections:

For waste disposal, see section 13.

## **SECTION 7: Handling and storage:**

### 7.1 Precautions for safe handling of the substance or mixture:

For precautions, see chapter 2.2.

### 7.2 Conditions for safe storage, including incompatibilities:

Well-sealed.  
Dry.  
Recommended storage temperature, see product label.

### **Storage class**

German storage classification (TRGS 510): 11: Flammable solids.

### 7.3 Specific end use:

Part of the uses listed in section 1.2 no other uses agreed.

## **SECTION 8: Exposure controls/personal protection measures**

### 8.1 Control parameters:

#### **Components with workplace limits**

The product contains no ingredients for which exposure values have been established.

### 8.2 Exposure control measures:

#### **Appropriate technical measures**

Use according to common rules and practices related to industrial hygiene and safety.  
Wash hands before every work break and at the end of the working day.

#### **Personal protective equipment**

##### **Eye/face protection**

Use face and/or eye protection tested and approved by official bodies such as NIOSH (US) or EN166 (EU).  
Protective glasses.

##### **Skin protection**

This recommendation relates only to the product mentioned in the safety data sheet, for the applications specified by us.

If the agent is dissolved in, or mixed with other substances, under conditions other than those specified in EN374 please contact the supplier of the CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

##### Full contact

Material: Nitrile rubber  
Minimum layer thickness: 0.11 mm  
Breakthrough time: 480 min  
Material tested: KCL 741 Dermatril® L

##### Spad contact

Material: Nitrile rubber  
Minimum layer thickness: 0.11 mm  
Breakthrough time: 480 min  
Material tested: KCL 741 Dermatril® L

##### **Respiratory protection**

According to directive 1907/2006/EC, 2020/878  
Version 8.5 Revision date: 05-07-22  
Trade name: Gum Arabic

Page: Page 4 from 7  
Print date: 2-2-2023

Required if dust formation occurs.

Our recommendations for filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other applicable standards relating to the respiratory protection system used.

Recommended filter type: Filter type P1.

The employer must ensure that maintenance, cleaning and testing of respiratory protection equipment are carried out in accordance with the supplier's instructions.

These measures must be documented in detail.

**Preventing environmental exposure:**

No special measures required.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties:**

**Prevent**

Shape:	Fixed
Colour:	Yellow
Odour:	No data available
Odour threshold value:	No data available
pH:	No data available
Melting/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	Not applicable
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
High/low flammability or explosion limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	approximately 1.4 g cm <sup>3</sup>
Solubility in water:	No data available
Partition coefficient: n-octanol/water:	No data available
Self-ignition temperature:	No data available
Decomposition temperature:	No data available

**Viscosity**

Viscosity, kinematic::	No data available
Viscosity, dynamic::	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

**9.2 Other safety information**

Bulk specific gravity:	approximately 400 kg/m <sup>3</sup>
Particle size	< 0.40 mm - Average particle size

**SECTION 10: Stability and reactivity**

**10.1 Reactivity:**

For flammable, organic substances and mixtures, in general: for windblown dust in a correspondingly fine distribution, the risk of a dust explosion.

**10.2 Chemical Stability:**

The product is chemically stable under standard ambient conditions (room temperature).

**10.3 Potential Hazardous Reactions:**

Violent reactions possible with: strong oxidising agents.

**10.4 Conditions to avoid:**

Exposure to moisture can affect product quality.

No information available.

According to directive 1907/2006/EC, 2020/878  
Version 8.5 Revision date: 05-07-22  
Trade name: Gum Arabic

Page: Page 5 from 7  
Print date: 2-2-2023

#### 10.5 Chemically Interacting Materials:

Strong oxidising agents.

#### 10.6 Hazardous Decomposition Products:

In case of fire: see chapter 5.

### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects:

##### **Acute toxicity**

LD50 Oral - Rat - > 16,000 mg/kg

Notes: (RTECS)

Inhalation: No data available

Skin: No data available

##### **Skin corrosion/irritation**

No data available

##### **Serious eye damage/eye irritation**

No data available

##### **Respiratory/skin sensitisation**

No data available

##### **Mutagenicity in gametes**

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

##### **Inhalation hazard**

No data available

#### 11.2 Additional information

RTECS: LX8580000

To our knowledge, its chemical, physical and toxicological properties have not been thoroughly investigated.

If handled correctly, no toxic effects are expected.

Inhalation of dust should be avoided as even inert dust can adversely affect the respiratory tract.

Use according to common rules and practices related to industrial hygiene and safety.

### **SECTION 12: Ecological information**

#### 12.1 Toxicity:

No data available.

#### 12.2 Persistence and Degradability:

No data available.

#### 12.3 Bioaccumulation:

No data available.

#### 12.4 Mobility in soil:

No data available.

#### 12.5 Results of PBT and vPvB assessment:

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### 12.6 Endocrine disrupting properties

According to directive 1907/2006/EC, 2020/878  
Version 8.5 Revision date: 05-07-22  
Trade name: Gum Arabic

Page: Page 6 from 7  
Print date: 2-2-2023

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

#### 12.7 Other Harmful Effects:

No data available.

### **SECTION 13: Disposal instructions**

#### 13.1 Waste treatment methods:

##### **Product**

Waste materials should be disposed of in accordance with national and local legislation.

Store substances in their original packaging and ensure they are not mixed with other waste.

Treat uncleaned packaging in the same way as the product itself.

Under [www.retrologistik.com](http://www.retrologistik.com), you will find more information on processes for returning chemicals and packaging.

If you have any further questions, you can also contact us.

Waste Directive 2008/98 / EC.

### **SECTION 14: Information relating to transport**

#### 14.1 UN number

Not regulated as a hazardous substance

#### 14.2 Proper cargo name according to UN model regulations

Not regulated as a hazardous substance

#### 14.3 Transport hazard class(es)

Not regulated as a hazardous substance

#### 14.4 Packing group

Remarks : IMDG Code segregation group - none

Not regulated as a hazardous substance

#### 14.5 Environmental hazards

Not regulated as a hazardous substance

#### 14.6 Special precautions for the user

Not applicable

#### 14.7 Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code

Not applicable for product, as delivered.

### **SECTION 15: Statutory information**

#### 15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture:

This safety data sheet complies with the requirements of Regulation (EC) Number 1907/2006.

#### 15.2 Chemical safety assessment:

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

### **SECTION 16: Other information**

The content and format of this safety data sheet (SDS) are in accordance with Directives 1272/2008/EC and Regulation 1907/2006/EC (REACH) Annex II of the EEC Commission.

### **REJECTION OF LIABILITY**

The information in this safety data sheet was obtained from sources that, to the best of our knowledge, are reliable. However, the information was made available without any guarantee - direct or implied - regarding its correctness. The conditions or methods of handling, storage, use or finishing of the product, are beyond our control and management and may possibly be beyond our knowledge. For these and other reasons, we do not accept any liability while liability for losses, damage or expenses that may arise in any way from the handling, storage, use or finishing and disposal of the product is expressly rejected. This safety data sheet was compiled,

# SAFETY DATA SHEET



According to directive 1907/2006/EC, 2020/878  
Version 8.5                      Revision date: 05-07-22  
Trade name: Gum Arabic

Page: Page 7 from 7  
Print date: 2-2-2023

and should also be used exclusively, for this product. If the product is used as a component in another product, the data on the MSDS may not be applicable.