

GUM ARABIC

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name:	Gum Arabic
CAS Number:	9000-01-5
EC Number:	232-519-5

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

Product use:	For manufacturing, processing, laboratory, or repacking use only.
Uses advised against:	Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet

Company name:	East Harbour Group Ltd 20 Clough Road, Severalls Industrial Park Colchester, Essex, CO4 9QS United Kingdom
Telephone:	+44 (0) 333 242 0100
Email:	info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone:	0800 246 1274
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Section 2: Hazardous identification

2.1 Classification of the substance or mixture

In accordance with Regulation (EU) No 1272/2008: Eye Irrit. 2: Causes serious eye irritation.

2.2 Label elements

Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:



Signal word:

H Statements:

H319

Warning

Causes serious eye irritation.

P Statements:

P264

P280

P305+P351+P338

P337+P313

Wash thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

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Contains: Gum Arabic

2.3 Other hazards.

In normal conditions and in its original form, the product itself does not involve any other risk for health and the environment.

Section 3: Composition/information on ingredients

3.1 Substances

Chemical Name:	Gum Arabic
CAS Number:	9000-01-5
EC Number:	232-519-5
Registration Number:	N/D

3.2 Mixtures

Not applicable

Section 4: First aid measures

4.1 Description of first aid measures

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation:

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye Contact:

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up and seek medical assistance. Do not let the person rub the affected eye.

Skin Contact:

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion:

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate.

4.3 Indication of any immediate medical attention and special treatment needed.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

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Section 5: Fire-fighting measures

5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam, and water spray.

Unsuitable extinguishing media: Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture

Special Risks: Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions

Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up

The contaminated area should be immediately cleaned with an appropriate de-contaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers. In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

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7.2 Conditions for safe storage, including any incompatibilities

Store according to local legislation. Observe indications on the label. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

7.3 Specific end use(s)

Not available

Section 8: Exposure controls/personal protection

8.1 Control parameters

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Value.

8.2 Exposure controls /

Appropriate engineering controls

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100%
Uses:	For manufacturing, processing, laboratory, or repacking use only.
Breathing protection:	If the recommended technical measures are observed, no individual protection equipment is necessary.
Hand protection:	If the product is handled correctly, no individual protection equipment is necessary.
Eye protection:	If the product is handled correctly, no individual protection equipment is necessary.
Skin protection:	
PPE:	Work footwear
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Solid
Colour	N.A/N.A
Odour	N.A/N.A
pH	5 (10%, 20°C)
Melting point	N.A/N.A
Boiling point	N.A/N.A
Flash point	N.A/N.A
Evaporation rate	N.A/N.A
Inflammability (solid, gas)	N.A/N.A

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Lower explosive limit	N.A/N.A
Upper explosive limit	N.A/N.A
Vapour pressure	N.A/N.A
Vapour density	N.A/N.A
Relative density	1,4 g/cm ³
Solubility	500 g/l (20°C)
Liposolubility	N.A/N.A
Hydrosolubility	N.A/N.A
Partition coefficient (n-octanol/water)	N.A/N.A
Auto-ignition temperature	N.A/N.A
Decomposition temperature	90°C
Viscosity	N.A/N.A
Explosive properties	N.A/N.A
Oxidizing properties	N.A/N.A

N.A/N.A= Not available/Not applicable due to the nature of the product.

9.2 Other information

Pour point	N.A/N.A
Blink	N.A/N.A
Kinematic viscosity	N.A/N.A

N.A/N.A= Not Available/Not Applicable due to the nature of the product.

Section 10: Stability and Reactivity

10.1 Reactivity

The product does not present hazards by their reactivity.

10.2 Chemical Stability

Unstable in contact with: - Bases.

10.3 Possibility of hazardous reactions

Neutralization can occur on contact with bases.

10.4 Conditions to avoid

- Avoid contact with bases.

10.5 Incompatible materials

Avoid the following materials: - Bases.

10.6 Hazardous decomposition products

Depending on conditions of use, can be generated the following products: - Corrosive vapours or gases.

Section 11: Toxicological Information

IRRITANT PREPARATION. Splatters in the eyes can cause irritation.

11.1 Information on toxicological effect.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin. Splatters in the eyes can cause irritation and reversible damage.

Toxicological Information

Name	Acute toxicity			
	Type	Test	Kind	Value
Gum Arabic	Oral	DL50	Rat	16g/kg
	Dermal			

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CAS No. 9000-01-5; EC No: 232-519-5	Inhalation	
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a) acute toxicity	Not conclusive data for classification.
b) skin corrosion/irritation	Not conclusive data for classification.
c) serious eye damage/irritation	Product classified: Eye irritation, category 2: Causes serious eye irritation.
d) respiratory or skin sensitisation	Not conclusive data for classification.
e) germ cell mutagenicity	Not conclusive data for classification.
f) carcinogenicity	Not conclusive data for classification.
g) reproductive toxicity	Not conclusive data for classification.
h) STOT – single exposure	Not conclusive data for classification.
i) STOT – repeated exposure	Not conclusive data for classification.
j) aspiration hazard	Not conclusive date for classification.

Section 12: Ecological Information

12.1 Toxicity

There is no information available on the biodegradability of the substances present.

12.2 Persistence and degradability

There is no information available on the degradability of the substances present.

No information is available regarding the degradability. No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential

No information is available regarding the bioaccumulation.

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

Section 13: Disposal considerations

13.1 Waste treatment methods

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

Section 14: Transport Information

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Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number

14.2 UN proper shipping name

Transportation is not dangerous

Description:

ADR: Transportation is not dangerous

IMDG: Transportation is not dangerous

ICAO/IATA: Transportation is not dangerous

Transportation is not dangerous

14.3 Transport hazard class(es)

Transportation is not dangerous

14.4 Packing group

Transportation is not dangerous

14.5 Environmental hazards

Transportation is not dangerous

14.6 Special precautions for user

Transportation is not dangerous

14.7 Transport in bulk according to Annex II of

MARPOL and the IBC Code

Transportation is not dangerous

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15: Regulatory Information

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Chemical safety assessments

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16: Other Information

Classification codes: Eye Irrit. 2 : Eye irritation, Category 2 It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

CEN: European Committee for Standardization.

PPE: Personal protection equipment.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html> <http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European

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Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.