

Material safety data sheet

According to Regulation (EC) No 1907/2006, modified by the Commission Regulation (EU) 2020/878

ACACIA GUM

1. Identification of the substance/mixture and company

Trade name: Acacia Gum
INCI: Acacia Senegal Gum
Utilization: Cosmetic ingredient, natural polysaccharide
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1. Classification of the substance or mixture:
Classification according to Regulation (EC) No 1272/2008
This product is not classified as hazardous

2.2. Label elements:
Labelling according to Regulation (EC) No 1272/2008

Hazard pictogram:
Signal word:

Hazard statements:

Precautionary statements:

2.3. Other hazards
None known

3. Declaration of ingredients

3.1 Substances

Component	CAS-No	EC-No.	Weight %	CLP Classification - Regulation (EC) No 1272/2008
Gum arabic	9000-01-5	232-519-5	100%	---

3.2 Mixtures

4. First aid measures

4.1. Description of first aid measures

In case of:

Skin Contact:

Remove clothing contaminated with the product. Wash with soap and water.

Eye Contact:

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Rinse away thoroughly with water at least for 15minutes. In the event of persistent symptoms seek medical treatment.

Ingestion:

If large amount swallowed or symptoms develop obtain medical attention.

Inhalation:

Remove victim to fresh air.

4.2. Most important symptoms and effects, both acute and delayed

None known

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

No data available.

5. Fire fighting measures

5.1. Extinguishing media

It may produce irritant gases in case of fire.

Extinguishing Media:

Dry chemical

Alcohol type foam

Water spray, CO2

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

5.3. Advice for firefighters

Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor and fumes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

6.2. Environmental precautions

Should not be released into the environment.

6.3. Methods and material for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

7.2. Conditions for safe storage, including any incompatibilities

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Store protected from light and humidity in tightly closed vessels at room temperature.

7.3. Specific end uses

No data available

8. Exposure controls / personal protection

8.1. Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

8.2. Exposure controls

Engineering Measures None under normal use conditions.

Personal protective equipment Eye Protection Wear safety glasses with side shields (or goggles) (European standard - EN 166)

Hand Protection Protective gloves

Skin and body protection Wear appropriate protective gloves and clothing to prevent skin exposure

Respiratory Protection No protective equipment is needed under normal use conditions.

Large scale/emergency use Use a NIOSH/MSHA or European Standard EN 136 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Recommended Filter type: Particle filter 2

Small scale/Laboratory use Maintain adequate ventilation

Environmental exposure controls No information available

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid

Colour: beige

Odour: almost odorless

Odour threshold: No data available

pH at 10% sol in water: 4.0 – 5.0

Melting point/freezing point: No data available

Boiling point or initial boiling point and boiling range: No data available

Flash point: > 250 °C

Evaporation rate: No data available

Flammability: No data available

Lower and upper explosion limit: No data available

Vapour pressure: No data available

Relative vapour density: No data available

Density and/or bulk density: 650 kg/m³

Solubility: soluble in aqueous solutions

Partition coefficient n-octanol/water (log value): No data available

Auto-ignition temperature: No data available

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Decomposition temperature: No data available
Kinematic viscosity: No data available
Particle characteristics: Non applicable.
Explosive properties: No data available
Oxidising properties: No data available

9.2. Other information

No data available

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under usual conditions

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Keep sources of ignition at a distance.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

11. Toxicological information

11.1. information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

LD50 acute oral > 16000 mg/kg rat RTECS Number CE5945000

When used and handled according to specifications, the product does not have any harmful effects.

Skin corrosion/irritation: No irritant

Serious eye damage/irritation: No irritant

Respiratory or skin sensitisation: No sensitizant

Germ cell mutagenicity: No mutagenic

Carcinogenicity: No carcinogenic

Reproductive toxicity: No toxic

STOT-single exposure: No toxic

STOT-repeated exposure: No toxic

Aspiration hazard: No data available

11.2 Information on other hazards

Endocrine disrupting properties: Assess endocrine disrupting properties for human health. This product does not contain any known or suspected endocrine disruptors

Other information: No data available

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12. Ecological information

12.1. Toxicity

Ecotoxicity effects Do not empty into drains. .

12.2. Persistence and degradability

Persistence Soluble in water, Persistence is unlikely, based on information available.

12.3. Bioaccumulative potential

Bioaccumulation is unlikely

12.4. Mobility in soil

The product is water soluble, and may spread in water systems Will likely be mobile in the

environment due to its water solubility. Highly mobile in soils

12.5. Results of PBT and vPvB assessment

No data available for assessment.

12.6. Endocrine disrupting properties

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors

12.7. Other adverse effects

Persistent Organic Pollutant This product does not contain any known or suspected substance

Ozone Depletion Potential This product does not contain any known or suspected substance

13. Disposal considerations

13.1. Waste treatment methods

Recommendations for the product: Eliminate according to the existing regulations.

Recommendations for packaging: Totally emptied packaging may be taken for recycling.

Recommended cleansing agent: Water

14. Transport information

Non-dangerous product for the transport

14.1. UN number or ID number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

15. Regulatory information

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

International Inventories

X = listed, Europe (EINECS/ELINCS/NLP), U.S.A. (TSCA), Canada (DSL/NDSL), Philippines (PICCS), China (IECSC), Japan (ENCS), Australia (AICS), Korea (ECL).

Regulation (EC) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals: Not applicable

National Regulations: ---

WGK Classification: 2

15.2 Chemical safety assessment

Chemical Safety Assessment/Report (CSA/CSR) has not been conducted

16. Additional information

16.1. Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.