



## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 15.08.2015

Version 2.0

### ACACIA GUM

#### 1. Identification of the substance/preparation and the company

Trade name: Acacia gum  
Utilization: Raw material / additive for cosmetic preparations  
Supplier company: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania  
identification: Tel/Fax: +40259-436.755, office@elemental.eu  
Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

#### 2. Hazards Identification

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

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

This substance is not considered as dangerous according to Directive 67/548/EEC. It may cause irritation of the respiratory tracts or of the eyes. R36 – Irritant for the eyes. R37 – Irritant for the respiratory tracts

##### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### 3. Composition / Information on ingredients

##### 3.1 Substance

Acacia gum CAS-No. : 9000-01-5 EC-No. : 232-519-5

Remarks: No disclosure requirement according to Regulation (EC) No. 1907/2006.

##### 3.2 Mixture

Not applicable

#### 4. First Aid

##### 4.1 Description of first aid measures

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Ingestion in high concentration : DON'T PROVOKE VOMITTING. Call a Medical Doctor and loosen the victim's clothes to allow a better ventilation.

##### 4.2 Indication of any immediate medical attention and special treatment needed

no data available

#### 5. Fire-fighting Measures

##### 5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture: Carbon oxides may form

5.3 Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information: no data available



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#### 6. Accidental release measures:

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

Avoid dust formation. Avoid breathing vapours, mist or gas. Use personal protective equipment against dust.

For personal protection see section 8.

##### 6.2 Environmental precautions

Do not let product enter drains.

##### 6.3 Methods and materials for containment and cleaning up

Use of shovels to evacuate the solid spread on the ground. Flush with water through sewage system. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Special Environmental Precautions : No special environmental precautions required.

#### 7. Handling and Storage

##### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Do not ingest in high doses. Keep the packaging tightly closed until the place of use.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

##### 7.3 Specific end use(s)

A part from the uses mentioned in section 1 no other specific uses are stipulated

#### 8. Exposure Controls and Personal Protection

##### 8.1 Control parameters

Components with workplace control parameters

##### 8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment



Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Wear appropriate protective mask. Where protection from nuisance levels of dusts are desired, use dust masks.

Control of environmental exposure: No special environmental precautions required.

#### 9. Physical and Chemical Properties

Appearance: powder

Colour: off-white



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Odour:	odourless
pH:	4,1 to 4,8 at 25% in water
Density:	0,41 to 0,50
Melting point:	no data available
Boiling point & range:	no data available
Flash point:	not applicable
Solubility:	in water 400-500 g/l
Autoignition temp:	220 °C
Max.pressurure:	7,1 bar
Flamability:	the product is not flammable
Explosion limit:	due to presence of dust
Decomposition temperature:	no data available

#### 10. Stability and Reactivity

10.1 Reactivity: no data available

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: the mixing of gum acacia and air can be explosive under certain conditions.

10.4 Conditions to avoid: avoid hot spots.

10.5 Incompatible materials: no relevant data available

10.6 Hazardous decomposition products: monoxide and dioxide carbon

In the event of fire: see section 5

#### 11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity: no relevant data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitisation: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: To our present knowledge, can not cause cancer in humans or animals

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

#### 12. Ecological Information

12.1 Toxicity: Natural substance from a botanical source. No ecological injuries to our knowldege.

12.2 Persistence and degradability: no data available

12.3 Bioaccumulative potential: no data available

12.4 Mobility in soil: no data available

12.5 Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects: no data available

#### 13. Disposal Considerations



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**Recommendation:** Waste from residues / unused material or contaminates packages can be incinerated or recycled. Must be disposed of in compliance with the respective national regulations.

#### 14. Transport Information

General recommendations: Not classified as dangerous in the meaning of transport regulations.  
UN no: not classified  
Road (ADR/RID): not classified  
Air (IATA/ICAO): not classified  
Sea (IMDG): not classified  
Special precautions for user: See section 6-8  
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC: not relevant

#### 15. Additional Regulatory Information

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

No further relevant data available.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

#### 16. Other Information

**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.