

**Material safety data sheet SDS**  
According to EU Regulation 1907/2006 in the current version  
**SOLAGUM™AX**

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

Product name: SOLAGUM™AX  
INCI: Acacia Senegal Gum (and) Xanthan Gum  
Uses: Cosmetic ingredient; Acacia Senegal Gum (and) Xanthan Gum  
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

This substance and/or mixture is not classified as hazardous or dangerous according to Regulation (EC) No 1272/2008 (CLP).

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictogram:

Signal word:---

Hazard statements:---

Precautionary statements: ---

### 2.3. Other hazards

This substance is not considered to be PBT or vPvB.

## 3. Declaration of ingredients

### 3.1 Substances

n/a

### 3.2 Mixtures

Acacia Senegal Gum 51-59%

Xanthan Gum 41-49%

## 4. First aid measures

### 4.1 Description of first aid measures

Eye contact: Flush eyes gently with water for at least 15 minutes while holding eyelids apart: seek immediately medical attention.

Skin contact: Wash off with soap and plenty of water.

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Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quit; seek immediately medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

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

No data available

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

No data available. Treat symptomatically

### 5. Fire fighting measures

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#### 5.1. Extinguishing media

Water spray, dry chemical, foam, CO<sub>2</sub>, and other standard extinguishing media for oil.

Unsuitable extinguishing media: Strong water stream/jet may cause fire to scatter and spread.

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

None known

#### 5.3. Advice for firefighters

Exercise caution when fighting any fire. Product may burn, but does not readily ignite. Substance/mixture is not an explosive. Use air supplied equipment for fighting interior fires. Isolate materials not yet involved in the fire (if this can be done without risk), and protect personnel. Cool fire exposed containers with water. Prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas

### 6. Accidental release measures

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

PERSONAL PRECAUTIONS: Use cautious judgement when cleaning up spill. Wear appropriate protective clothing. Avoid contact with eyes.

PROTECTIVE EQUIPMENT: Ensure any personal protective equipment (clothing, gloves, eye, and/or face protection) worn is suitable to provide adequate protection.

EMERGENCY PROCEDURES: None needed.

ADVICE FOR NON-EMERGENCY PERSONNEL: Ensure activities are executed by trained and authorized personnel.

Evacuate area as deemed necessary.

ADVICE FOR EMERGENCY RESPONDERS: Only qualified personnel equipped with suitable equipment and protective clothing should intervene.

#### 6.2. Environmental precautions

Avoid release into the environment. Contain and collect spillage; prevent from reaching drains, sewer, or waterway.

#### 6.3. Methods and material for containment and cleaning up

Approach all spills with caution.

SMALL SPILLS: Remove sources of ignition and prevent further leakage/spillage if safe to do so. Contain spill to smallest possible area; clean up with absorbent materials such as paper towels, sand, dirt, etc. Freshly cleaned area may be slippery; take precautions.

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**LARGE SPILLS:** Remove sources of ignition and prevent further leakage/spillage if safe to do so. Contain spill and transfer into leak-proof containers; seal tightly. Dispose of substance/mixture in accordance with local, national, or regional legislation.

#### 6.4. Reference to other sections

Also refer to section 8 and section 13.

## 7. Handling and storage

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### 7.1. Precautions for safe handling

**HANDLING MEASURES:** Handle in accordance with good manufacturing, industrial hygiene, and safety procedures. Avoid contact with skin, eyes, and clothing. Use personal protective equipment as necessary. **VENTILATION:** Handle in a well-ventilated area.

**INCOMPATIBLE PRODUCTS:** Keep away from oxidizing agents, excessive heat, and sources of ignition.

**HYGIENE MEASURES:** Wash thoroughly after handling of the substance/mixture. When handling, do not eat, drink or smoke. Also refer to section 8.

**SUITABLE STORAGE CONDITIONS:** Store in closed tight containers below 25°C in well-ventilated areas.

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

Do not store or use near heat, sparks, or flame and store out of sun. Never use pressure to empty. Do not puncture, drag, or slide container.

### 7.3. Specific end uses

For potential exposure scenarios, refer to information attached to this safety data sheet, which will be provided as applicable.

## 8. Exposure controls / personal protection

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### 8.1. Control parameters

No data available

### 8.2. Exposure controls

**EXPOSURE GUIDELINES:** Material does not contain hazards for which substance-specific occupational exposure limits have been established by regulatory bodies.

**ENGINEERING CONTROLS:** Adequate ventilation, and a suitable means of rinsing/washing as necessary. Facility measures to prevent/limit release and potential exposure.

**EYE PROTECTION:** Safety glasses or goggles.

**PROTECTION OF SKIN AND BODY:** Suitable gloves; chemical resistant clothing may also be worn.

**RESPIRATORY PROTECTION:** Dust mask or respiratory equipment to be worn when handling large quantities or in inadequate ventilation areas.

**THERMAL HAZARDS:** None expected under normal use.

**ENVIRONMENTAL EXPOSURE CONTROLS:** Avoid discharge into the environment. Do not allow to enter into surface water or drains.

## 9. Physical and chemical properties

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

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Physical state: solid  
Form: powder  
Color: white pale yellow  
Odor: none  
Odor threshold: no data available  
pH: 5,0-7,5 conc 1% in water  
Melting/freezing point: no data available  
Boiling point/range: no data available  
Flash point: no data available  
Evaporation rate: no data available  
Flammability: no data available  
Explosion limit: no data available  
Vapor pressure: no data available  
Vapor density: no data available  
Density: 0,35-0,45  
Solubility in water: dispersible  
Partition coefficient: no data available  
Autoignition temp: no data available  
Decomposition temp: no data available  
Viscosity: no data available  
Explosive properties: no data available  
Oxidizing properties: no data available  
Volatiles (%): no data available

9.2 Other information: No additional information available.

## 10. Stability and reactivity

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10.1 REACTIVITY: Not reactive.  
10.2 CHEMICAL STABILITY: Stable under normal temperatures and anticipated storage and handling.  
10.3 POSSIBILITY OF HAZARDOUS REACTIONS: No known hazardous reactions. Hazardous reactions will not occur under normal transport or storage conditions.  
10.4 CONDITIONS TO AVOID: Excessive heat, sources of ignition.  
10.5 INCOMPATIBLE MATERIALS: Avoid strong oxidizing materials/agents.  
10.6 HAZARDOUS DECOMPOSITION PRODUCTS: Combustion produces carbon monoxide, carbon dioxide, and thick smoke. In general, products of combustion (such as organic materials) may be irritating and toxic

## 11. Toxicological information

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11.1. Information on toxicological effects  
Eyes – in vitro irritation score OECD 437 scor <3  
Skin OECD 439 scor 96.4 exhibit 15 min, obs 42 hours  
Conclusion

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Skin unclassified, Eyes uncategorised, Non-sensitizing to skin  
Mutagenicity, in-vitro subject bacteria, result negative  
Carcinogenicity no data available  
Reproductive toxicity no data available  
Target organ-specific toxicity no data available  
Inhalation May cause irritation. May cause sensitization by inhalation.  
Eye contact Dust contact with the eyes can lead to mechanical irritation.  
Skin contact Contact with dust can cause mechanical irritation or drying of the skin.  
Skin corrosion/irritation Not classified.  
Serious eye damage/eye irritation Not classified.  
Respiratory or skin sensitization May cause sensitization by inhalation. May cause sensitization by skin contact.  
Germ cell mutagenicity Not classified.  
Carcinogenicity No information available.  
Reproductive toxicity No information available.  
STOT - single exposure No information available.  
STOT - repeated exposure No information available.  
Aspiration hazard No information available

## 12. Ecological information

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Ecotoxicity  
Ecotoxicity Keep out of waterways.  
Terrestrial ecotoxicity There is no data for this product.  
Persistence and degradability  
Persistence and degradability No information available.  
Bioaccumulative potential  
Bioaccumulation No information available.  
Mobility  
Mobility in soil No information available.  
Other adverse effects  
Other adverse effects No information available.

## 13. Disposal considerations

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13.1 WASTE TREATMENT METHODS: Do not allow the product to be released into the Environment.  
Destruction/Disposal: Dispose of in accordance with relevant local regulations  
Contaminated packaging  
Decontamination/cleaning: Cleaning is not required prior to disposal.  
Destruction/Disposal:  
Note: Take all necessary precautions when disposing of this product according to local regulations.

## 14. Transport information

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#### Land transport (ADR/RID)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
- 14.4. Packing group: No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
- 14.4. Packing group: No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
- 14.4. Packing group: No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
- 14.4. Packing group: No dangerous good in sense of this transport regulation.
- 14.5. Environmental hazards: No
- 14.6. Special precautions for user: No dangerous good in sense of this transport regulation.
- 14.7. Maritime transport in bulk according to IMO instruments: No dangerous good in sense of this transport regulation.

## 15. Regulatory information

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

Labeling:

EC regulations: This product does not need to be labeled in accordance with EC Directives or respective national laws

Further regulations

United Kingdom: Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental

Hygiene Guidance: EH40

15.2 CHEMICAL SAFETY ASSESSMENT: For this substance/mixture a chemical safety assessment has not been carried out.

## 16. Additional information

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#### 16.1 Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regula-tion (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen-cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test popula-tion; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - Interna-tional Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Ef-fect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Re-striction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### 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.