

# Gum Acacia Senegal – Spray-died Gum Arabic

In accordance with Regulation REACH (EC) 1907/2006 annex II / CLP n°1272/2008

## SECTION 1 - IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

### 1.1 Product identification.

Trade name	Gum Acacia Senegal – Spray-died Gum Arabic
Product name	Senegal Acacia gum
No.-CAS	9000-01-5
No.-EINECS	232-519-5
Chemical Formula	N/A
Chemical Family	Polysaccharides
Registration number Reach	N/A

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

Relevant uses: Food additives  
Uses advised against: none to our knowledge.

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

**NEXIRA**  
129, Chemin de Croisset  
CS 94151 – 76723 Rouen Cedex  
France  
Tél. 33 (0)2 32 83 18 18  
Fax.33 (0)2 32 83 19 19

### 1.4 Emergency telephone number:

**Emergency telephone:** Contact NEXIRA +33(0)232 83 18 18 or +33(0)232 89 96 96 (office hours)  
Or +33(0)607 53 18 94  
E-mail: [securite@nexira.com](mailto:securite@nexira.com)  
ORFILA 01 45 42 59 59

## SECTION 2 – HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture.

Not classified

### 2.2 Label elements.

None

### 2.3 Other hazards.

None

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 / 3.2 Substances / Preparations

Components :

Name of the substance	Content	CAS N°	EINEC N°	CEE	REACH N°	Classification
Senegal Acacia gum	100 %	9000-01-5	232-519-5	E414	N/A	N/A

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## SECTION 4 – FIRST AID MEASURES

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### 4.1 Description of the first measures

**First aid measures:**

Inhalation : Assure fresh air breathing.

Skin contact : Wash all exposed skin area with mild soap and water, followed by water rinse.

Eye contact : Rinse with water.

Ingestion : Rinse mouth. If you feel unwell, seek medical advice

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

**Other information** : None under normal conditions.

Senegal Acacia gum is not classified as hazardous substance according to European Regulation.

No potential delayed effect to our knowledge.

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

**Emergency medical treatment** : None under normal conditions.

Get medical aid if symptoms persist.

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## SECTION 5 – FIREFIGHTING MEASURES

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### 5.1 Extinguishing media

Suitable extinguishing media: Pulverized water, carbonic anhydride, appropriate chemical dry powder or foam.

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

Keep away from heating point. Wear independent respiratory equipment.

The product is not considered as flammable but the residue may burn in presence of strong source of heat after evaporation of water.

The product may produce toxic fumes of carbon monoxide if burning

Avoid (reject) fire-fighting water to enter environment.

### 5.3 Advice for firefighters.

Keep containers cool with water spray until extinction of the fire.

No known fire/explosion risk with this product. Nevertheless, powder form product can explode when suspended in the air under special condition (air and ignition source)

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

General precautions : When leaks or spills occur, only properly protected personnel should remain in the area.

Personal precautions : No smoking.

### 6.2 Environmental precautions.

Protect containers from potential damage and keep tightly closed.

Prevent entry to sewers and public waters

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

After spill, mix and add water if necessary to form a mixture. Put this mixture in an appropriate drum and neutralize.

Observe all safety recommendations until the drum is cleaned, repacked or destroyed.

### 6.4 Reference to other sections.

Refer to sections 8 and 13.

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## SECTION 7 – HANDLING AND STORAGE

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### 7.1 Precautions for safe handling.

Appropriate techniques: N/A

Avoid all unnecessary exposure

Handling precautions: Avoid contact with skin, eyes and clothes. Avoid ingestion in high concentration.

Keep containers closed until use.

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

Storage conditions: Keep in a dry and cool place in original intact packaging.

Incompatible materials: NA

Packaging: Polyethylene bag.

### 7.3 Specific end use(s)

None

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## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1 Control Parameters.

Occupational exposure control:

Eye protection: Wear protective eyeglass



Skin protection: Wear gloves (nitrile, latex, other)



Body protection: Wear appropriate protective clothing to prevent skin exposure (lab coat, work wear)

Respiratory protection: Use dust mask P3



### 8.2 Exposure controls.

None

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Solid (powder)
Color in 25% water solution	Max 7
Odor	Odorless
Taste	Neutral
pH in 25% water solution	4,1 – 4,8
Density	0.4 à 0.5 kg/l
Solubility in water	400 – 500 g/L
Viscosity 20°C in 25% water	60 - 130 mPa.s
Minimal energy for inflammation	> 1000mJ
Lower limit of explosion	60g/m <sup>3</sup>
Auto-ignition Temperature	220 °C
Explosion category VDI 3673	St1
KST	77 bar m s <sup>-1</sup>
Pressure max	7.1 bar

The other physical properties were not determined

### 9.2 Other information

None

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## SECTION 10 – STABILITY AND REACTIVITY

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### 10.1 Reactivity.

Stable under normal condition

### 10.2 Chemical stability.

Stable under normal condition

### 10.3 Possibility of hazardous reactions.

None under normal condition

### 10.4 Conditions to avoid.

Dust generation, moisture, excessive heating, oxidizing agents.

### 10.5 Incompatible materials.

Oxidizing agent

### 10.6 Hazardous decomposition products.

Carbon monoxyde, carbone dioxyde.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/200.

**Toxicological Health effects:** None to our knowledge

**Potential chronic health effects:** None to our knowledge

**Carcinogenicity effects:** None to our knowledge

### 11.2 Information on other hazards.

N/A

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## SECTION 12 – ECOLOGICAL INFORMATION

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Substance from vegetable origin. No adverse effects on the environment to our knowledge.

### 12.1 Toxicity.

No toxicological effect known on the environment

### 12.2 Persistence and degradability.

No data available

### 12.3 Bioaccumulation potential.

No data available

### 12.4 Mobility in soil.

No data available

### 12.5 Results of PBT and vPvB assessment.

No data available

### 12.6. Endocrine disrupting properties

No data available

### 12.7 Other adverse effects.

No data available

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## SECTION 13 – DISPOSAL CONSIDERATIONS

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### 13.1 Waste treatment methods.

Waste treatment of residues and contaminated packaging: Recycling, incineration

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## SECTION 14 - TRANSPORT INFORMATION

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### 14.1 ONU number.

Not classified.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class (es).

Not classified.

### 14.4 Packing group.

Not applicable.

### 14.5 Environmental hazards.

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

### 14.6 Special Precautions for user.

Additional information : None.

### 14.7 Transport in bulk according to OMI instruments.

Not listed in annex II of the convention Marpol and IBC code

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## SECTION 15 – REGULATORY INFORMATION

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

Ensure all national/local regulations are observed.

### 15.2 Chemical safety assessment.

Chemical safety assessment is not required

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## SECTION 16 – OTHER INFORMATION

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None

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**Department:** Risk Assessment

