

NALTIVE LBG S1

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	NALTIVE LBG S1
Product name	Locust Bean Gum
No.-CAS	9000-40-2
No.-EINECS	232-541-5
Chemical Formula	N/A
Chemical Family	Galactomannan, Locust Bean Gum
Registration number Reach	N/A

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

Relevant uses: Food application (Food additive – Thickening agent)

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

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
Locust Bean Gum	100	9000-40-2	232-541-5	E410	N/A	N/A

SECTION 4 – FIRST AID MEASURES

4.1 Description of the first measures

First aid measures:

Inhalation : Move to the fresh air. If breathing stops give artificial respiration, call for medical advice if necessary.

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.

NALTIVE LBG S1 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.

SECTION 5 – FIREFIGHTING MEASURES

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.

Product will burn after contact with fire. Self extinguishes when the source is removed but tends to smolder.

Do not breathe smoke, gases or vapours generated.

Risk of a combustible dust explosion.

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)

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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. If spilled take caution as the material can cause the surface to become very slippery.

Avoid dust formation.

In case of exposure to high levels of airborne dust, wear suitable respiratory equipment

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.

Sweep up or use vacuum equipment for combustible dust.

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

6.4 Reference to other sections.

Refer to sections 8 and 13.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for safe handling.

Appropriate techniques: N/A

Avoid all unnecessary exposure. Avoid dust formation, ensure adequate ventilation

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)

See section 1

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Appearance	Solid (powder)
Color	White to cream
Odor	Odourless
pH	5,0 – 7,0
Explosivity:	Can cause dust explosion, Kst 70 bar.m/s, dust explosion class 1
Solubility:	Soluble in hot water
Auto-ignition temp.:	about 200 °C
Hot Viscosity 1% :	≥ 2800 mPa.s

The other physical properties were not determined

9.2 Other information

None

SECTION 10 – STABILITY AND REACTIVITY

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 monoxide, carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information toxicological effects.

Toxicological Health effects: None to our knowledge

Potential chronic health effects: None to our knowledge

Carcinogenicity effects: None to our knowledge

Acute toxicity: LD 50 oral (rat) – 13,000 mg / kg.

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No data available

STOT single exposure: No data available

STOT repeated exposure: No data available

Aspiration hazard: No data available

SECTION 12 – ECOLOGICAL INFORMATION

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 Other adverse effects.

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods.

Waste treatment of residues and contaminated packaging: Recycling, incineration

SECTION 14 - TRANSPORT INFORMATION

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 Annex II of MARPOL 73/78 and the IBC Code.

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

SECTION 15 – REGULATORY INFORMATION

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

SECTION 16 – OTHER INFORMATION

None

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