



Gan-Shmuel Foods LTD.
גן-שמואל מזון בע"מ

Material Safety Data Sheet

LINEAR LEVAN, 28-30% SOLUTION

Issued: 23 Nov 2016

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1. Identification of the product and the company

- | | |
|----------------------|---|
| • Product name | Linear Levan, 28-30% Solution |
| • Use of the product | Prebiotic fiber |
| • Supplier | Gan Shmuel Foods Ltd. Kibbutz Gan Shmuel, 3881000 M.P. Hefer, Israel |
| • Contact | ☎ +972 4 6320040 📠 +972 4 6320032 E-mail: PatriciaC@ganshmuel.com |

2. Hazards Identification

- | | |
|---|---|
| • GHS classification | The product is not classified as hazardous material.
There is no specific hazard when handled in accordance to good occupational hygiene practice. |
| • GHS labeling | No special labeling required. |
| • Classification according to Directives 67/548/EEC or 1999/45/EC | |
| Symbol(s) | Not applicable. |
| R-phrases(s) | Not applicable. |

3. Composition / Information on Ingredients

	Chemical name	CAS No.	Concentration
• Main ingredients	Levan (β -2,6 fructan)	9013-95-0	28 – 30%
	Sugars (glucose, fructose, sucrose)		30 – 32%
	Sodium citrate + citric acid		0 – 2%
• Hazardous ingredients	None		

4. First aid measures

Description of first aid measures

- | | |
|------------------------|---|
| • After inhalation | Not applicable. |
| • On skin contact | No skin irritation. Remove contaminated cloths and wash with soap and water. |
| • On contact with eyes | No eye irritation. Remove contact lenses. Rinse out with plenty of water, while eyelid is widely open, for at least 15 minutes. |
| • On ingestion | After swallowing large amounts and in case of indisposition, induce vomiting.
If necessary consult a doctor. |

5. Fire-fighting measures

- | | |
|--|--|
| • Extinguishing media | Non flammable liquid. |
| • Special hazards | None. |
| • Protective equipment for fire fighting | Standard fire protection equipment, according to local conditions. |
| • Further information | Not applicable. |

6. Accidental release measures

- | | |
|----------------------------|-------------------------|
| • Personal precautions | Not normally required. |
| • Environmental protection | Levan is biodegradable. |

7. Handling and storage

- | | |
|---------------------------------|---|
| • Precautions for safe handling | Handled in accordance to good occupational hygiene practice. |
| • Conditions for safe storage | Tightly closed containers, in cool and dry places, away of sources of heat. |

8. Exposure controls / personal protection

- | | |
|-----------------------|---|
| • Exposure limits | Not applicable. |
| • Exposure controls | Not normally required. |
| • Personal protection | Levan has adhesives properties and will stick to skin. However is not irritating and may be removed with water. |



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9. Physical and chemical properties

- Appearance, physical state Milky, viscous liquid.
- Odor Odorless.
- pH value 4.0 – 7.0

9. Physical and chemical properties (continued)

- Density 1.25 – 1.32 g/cm³ (20°C)
- Flash point Not applicable
- Boiling point 103 – 105°C
- Vapor pressure No information available.

10. Stability and reactivity

- Reactivity Not applicable.
- Chemical stability Not applicable.
- Possibility of hazardous reactions Not applicable.
- Conditions to avoid High temperature, exposure to sun.
- Incompatible materials Air, acids, strong oxidizing agents.
- Hazardous decomposition products No information available.

11. Toxicological information

- Acute toxicity The product is not classified as hazardous or toxic material.
- Irritation According to published literature, Repeat Insult Patch Test (RIPT) indicates that levan does not cause dermal irritation or allergic contact sensitization. Levan is not cytotoxic as shown by the agar diffusion test, meeting requirements of the Agar Diffusion Test, ISO 10993.
- Respiratory sensitization Not applicable.
- Germ cell mutagenicity The product is not classified as mutagen.
- Carcinogenicity Not listed by ACGIH, IARC, NTP, or CA Prop 65.

12. Ecological information

- Biological effects Levan is biodegradable and water dispersible.
- Further ecologic data Not hazardous to the environment.

13. Disposal considerations

- Product Dispose of in compliance with local regulations. Avoid disposing into drainage systems.

14. Transport information

- UNO Not classified as hazardous material.
- Road and rail Not classified as hazardous material.
- Sea Not classified as hazardous material.
- Air Not classified as hazardous material.

15. Regulatory information

- Symbol Not applicable
- R-phrases Not applicable
- S-phrases Not applicable
- Reduced labeling Not applicable

16. Other information

The information above is provided in good faith to the best of our knowledge and understanding, but without liability for completeness or total correctness. Recipients are responsible for issuing safety instructions relevant to their specific environment, operating conditions and regulations.

Gan Shmuel Foods Ltd. assumes no responsibility for the use of this information.