



**sunsorb**  
POWDER

*Sunar Misir is the first & only sorbitol powder producer in Turkiye!*

As a leading corn-based ingredient solutions partner exporting to over 100 countries worldwide, Sunar Misir is proudly expanding its portfolio with Sunsorb® Sorbitol Powder!

Sunsorb® Sorbitol Powder – naturally sweet, sugar-free, free-flowing and low GI. Designed to inspire healthier indulgence.

Sorbitol is a bulking agent produced by hydrogenation of D-Glucose.



## Characteristics

- Low-calorie and low-glycemic index bulking sweetener
- Retains moisture as a humectant
- An effective stabilizer for food
- Texturizing agent
- Provides cooling effect in mouth
- Acts as a filler and binder
- Excellent performance in chewing gums and direct compressible tablets
- Non cariogenic
- Meets the requirements of USP/EP/BP

**Packaging Type:** Paper Sack

**Shelf-Life:** 24 months

Physical and Chemical Properties	Min	Max
Water Content %	-	1.5
D-Sorbitol % (on DB)	97	-
Reducing Sugar % (on DB)	-	0.2
Melting Point °C	95	98



Paper Sack



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## Food Application

### Chewing gum:

- Desired sweetness, freshness, texture and structure
- Moisture balance
- Non-cariogenic
- Low-calorie sweetener

**Confectionery:** Provides soft texture, extends shelf life.

**Ice Creams:** Lowers the freezing point, makes spooning softer.

**Bakery:** Helps maintain softness and prevents drying.



## Pharmaceutical Application

Used as excipient in chewable, effervescent and swallowable tablets.

- Provides key functional properties of a filler and filler/binder as well as a bulk sweetener.
- Offers excellent tableting properties.
- Developed with respect to particle size distribution, flow properties for direct compression applications.
- Provides pleasant sweetness with a smooth mouthfeel.

## Industrial Application

- Raw material in the production of anodizing chemicals for aluminum surface treatment.
- Used as a plasticizer in polyurethane foam and soft gel capsules.
- Raw material for sorbitan esters, isosorbide production.
- Used as a set retarder for construction industry.

