

ESPECIFICACIÓN / SPECIFICATION

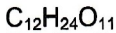
MALTITOL POLVO MALLA 30 / MALTITOL POWDER 30 MESH

Código EPSA / EPSA code: 3600082501YC

CARACTERÍSTICAS	ESPECIFICACIÓN / SPECIFICATION	CHARACTERISTICS
Descripción	Polvo blanco cristalino; prácticamente inodoro, con un sabor muy dulce fresco / white crystalline powder; practically odourless, with a very sweet cool taste	Description
Solubilidad	libremente soluble en agua, ligeramente soluble en etanol / freely soluble in water, slightly soluble in ethanol	Solubility
Apariencia de la solución acuosa	transparente e incolora / clear and colourless	Appearance of the aqueous solution
Identificación	cumple con el estándar / complies with the standard	Identification
Pureza (como sustancia seca), método HPLC	≥ 98.0 %	Assay (as dry substance), method HPLC
Azúcares reductores	≤ 0.1 %	Reducing sugars
Punto de fusión	148 – 151° C	Melting point
Humedad	≤ 0.5 %	Moisture
Residuo de ignición, ceniza sulfatada	≤ 0.1 %	Residue on ignition, sulphated ash
Conductividad	≤ 20 uS/cm	Conductivity
Cloruro	≤ 40 mg/kg	Chloride
Sulfato	≤ 50 mg/kg	Sulphate
Rotación óptica específica	105.5 - 108.5°	Specific optical rotation
Ni	≤ 1.0 mg/kg	Ni
As	≤ 1.0 mg/kg	As
Pb	≤ 1.0 mg/kg	Pb
Rango de tamaño de partícula (30 – 80 mesh)	≥ 80 %	Particle size range (30 – 80 mesh)
Recuento total	≤ 100 / g	Total count
Mohos	≤ 10 / g	Moulds
Levaduras	≤ 10 / g	Yeasts
Coliformes	Neg. / g	Coliforms
Salmonella	Neg. / 25 g	Salmonella

Dosis de uso / Use dosage:

Dosis máxima permitida para cada alimento según los Reglamentos (UE) 1333/2008, 1129/2011 y sus sucesivas modificaciones. / Maximum dosage allowed for each food according to Regulations (UE) 1333/2008, 1129/2011 and its subsequent amendments.



Grado alimentario. GB28307-2012, EP, USP/NF, FCC, E965i.

El producto cumple con GB28307-2012, EP, USP/NF, FCC, E965i para el maltitol.

Peso molecular: 344.31

El maltitol es estable al aire y al calor, pero es marginalmente higroscópico. Se puede esperar que los productos en su empaque original sellado, almacenados en un lugar limpio, seco y ventilado conserven la estabilidad durante al

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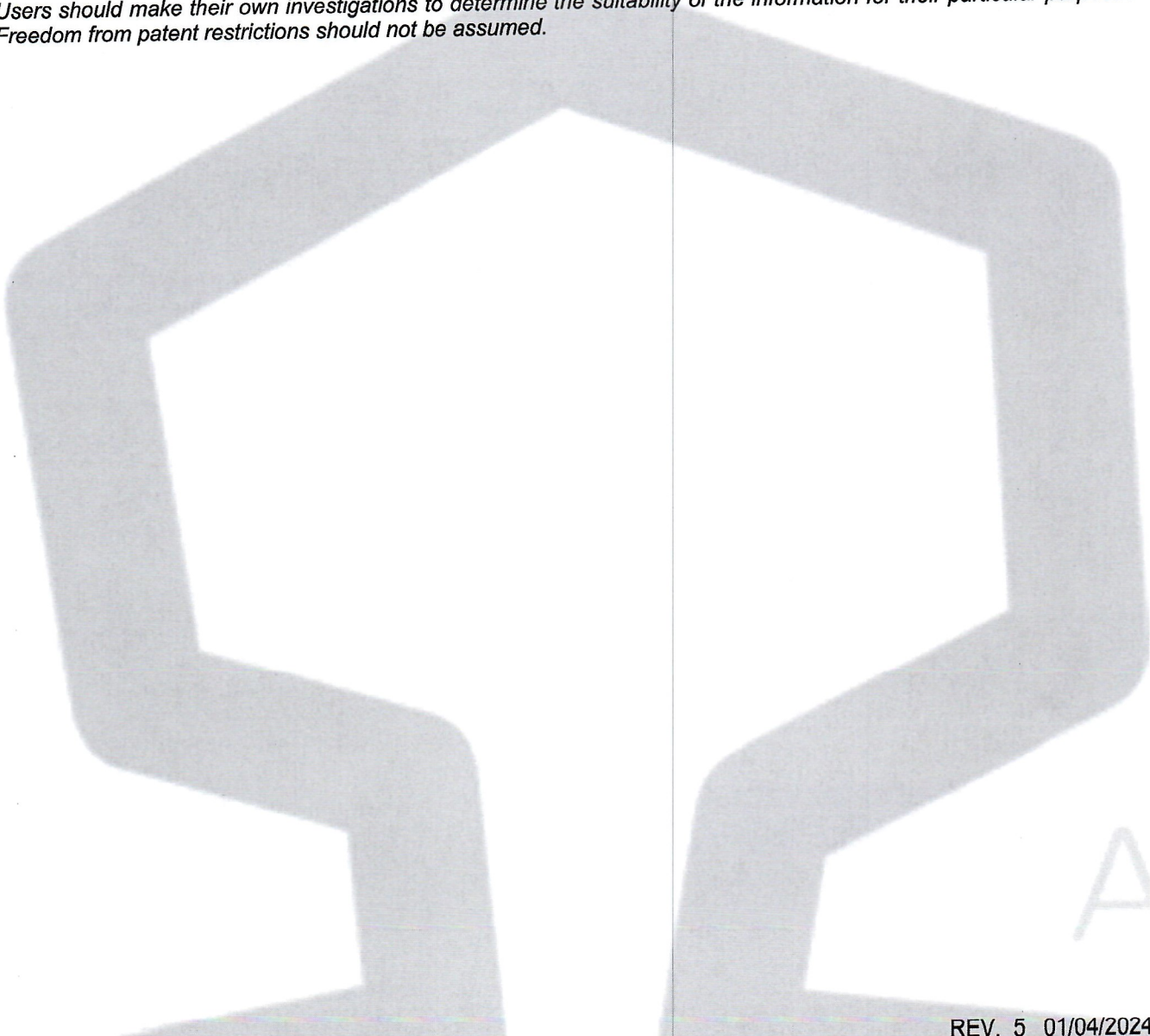
menos tres años. Material no peligroso.

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Food Grade. GB28307-2012,EP,USP / NF, FCC, E965i.
Product complies with GB28307-2012, EP, USP/NF, FCC, E965i for Maltitol.
Molecular weight: 344.31

Maltitol is stable to air and heat but is marginally hygroscopic. Goods in the original sealed packaging, stored in clean, dry and ventilated place can be expected to retain stability for at least two years. Non-hazardous material.

The information contained herein is based on data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Freedom from patent restrictions should not be assumed.



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INFORMACIÓN NUTRICIONAL / NUTRITIONAL VALUE

MALTITOL POLVO MALLA 30 / MALTITOL POWDER 30 MESH

AVERAGE VALUE PER 100 G / VALOR PROMEDIO POR 100 G

Energy (kcal) / Energía (kcal)	213
Fat (g) / Grasa (g)	0
• of which saturated (g) / De las cuales saturadas (g)	0
Carbohydrate (*) (g) / Carbohidratos (g)	99.9
• of which sugars (g) / De los cuales azúcares (g)	≤0.1
• of which polyols (g) / De los cuales polioles (g)	≥99.5
• erythritol (g) / eritritol (g)	0
• of which starch (g) / De los cuales almidón (g)	0
Organic acid (g) / ácido orgánico (g)	0
Dietary fiber (*) (g) / Fibra alimentaria (g)	0
Protein (g) / Proteína (g)	0
Sodium (g) / Sodio (g)	0

Source of nutritional info (literature / database / analytical report / calculated according to conversion factors from Annex XIV of EU Regulation 1169/2011):.....database /
Fuente de información nutricional (bibliografía / base de datos / análisis / calculado según factores de conversión del anexo XIV del Reglamento UE 1169/2011):.....

El valor energético puede ser calculado mediante los factores de conversión enumerados en el Anexo XIV del Reglamento Europeo 1169/2011. Por «sal» se entenderá el contenido equivalente en sal calculado mediante la fórmula: % sal = % sodio × 2,5.

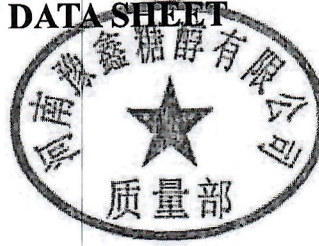
(*) Según las definiciones específicas mencionadas en el Anexo I del Reglamento Europeo 1169/2011: Por «hidratos de carbono» se entiende todos los hidratos de carbono metabolizados por el ser humano, incluidos los polialcoholes, azúcares y almidón.

Por «fibra alimentaria» se entenderán los polímeros de hidratos de carbono con tres o más unidades monoméricas, que no son digeridos ni absorbidos en el intestino delgado humano y que pertenecen a las categorías siguientes:

- polímeros de hidratos de carbono comestibles presentes de modo natural en los alimentos tal como se consumen,
- polímeros de hidratos de carbono comestibles que se han obtenido a partir de materia prima alimenticia por medios físicos, enzimáticos o químicos y que tienen un efecto fisiológico beneficioso demostrado mediante pruebas científicas generalmente aceptadas,
- polímeros de hidratos de carbono comestibles sintéticos que tienen un efecto fisiológico beneficioso demostrado mediante pruebas científicas generalmente aceptadas. /

All the information contained in this document has been obtained from the original received from our supplier.

cMATERIAL SAFETY DATA SHEET

**1. Identification****Product identifier:** Maltitol**Recommended use and restriction on use**

Recommended use: Reserved for industrial and food and professional use.

Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

Yusweet Co.,Ltd.

Middle Section of Zhongpin Avenue, Tangyin County, Anyang City, Henan Province, China

Emergency telephone number:

For emergency involving chemicals call Yusweet day or night at: +86 372 6211812.

Issue date: April 1, 2025**2. Hazard(s) Identification**

2.1 Classification of the substance or mixture: Not classified.

2.2 GHS label elements, including precautionary statements

Pictogram(s): No symbol.

Signal word: No signal word

Hazard statement(s) : None

Precautionary statement(s) Prevention:None

Response: None

Storage:None

Disposal: None

2.3 Other hazards which do not result in classification:No data available

3. Composition/information on ingredients

Substances

Chemical Identity	Synonyms	CAS number	EINECS	Content in percent (%)*	Risk classification	CLP classification
Maltitol	Maltitol	585-88-6	209-567-0	100%	None	None

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition Comments:

The components are not hazardous or are below required disclosure limits.

4. First-aid measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

5. Fire-fighting measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: Not available.

Autoignition Temperature: Not available.

Explosion Limits, Lower: Not available.

Explosion Limits, Upper: Not available.

6. Accidental release measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

7. Handling and storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with

adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure controls/personal protection

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA -Final PELs
Sorbitol	none listed	none listed	none listed

OSHA Vacated PELs: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. Physical and Chemical Properties

Physical State: Solid

Appearance: white to off-white

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: 149.00 - 152.00 deg C

Decomposition Temperature: Not available.

Solubility: Not available.

Specific Gravity/Density: Not available.

Molecular Formula: $C_{12}H_{24}O_{11}$

Molecular Weight: 344.31

10. Stability and reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: None reported.

Incompatibilities with Other Materials: Oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

11. Toxicological Information

RTECS#:

CAS# 585-88-6: LZ4394000

LD50/LC50: Not available.

Carcinogenicity:

CAS# 585-88-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Mutagenicity: No data available.

Neurotoxicity: No data available.

Other Studies: No data available.

12. Ecological Information

No information available.

13. Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

14. Transport Information

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)

ADR/RID-GGVS/E Class: -

Maritime transport IMDG/GGV Sea

·IMDG/GGVSea Class: -

·Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

·ICAO/IATA Class:-

UN "Model Regulation": -

Transport/Additional information: Not dangerous according to the above specifications.

The MSDS should accompany all shipments for reference in the event of spillage or accidental release.

15. Other Regulatory Information

Australia

AICS

CAS# 585-88-6 is listed on the AICS inventory.

NICNAS

None of the chemicals are required to registered

IMDG CODE

None of the chemicals in this product are listed as Hazardous & Noxious Substances Chemicals under the Australian Government Australian Maritime Safety Authority.

US FEDERAL

TSCA

CAS# 585-88-6 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 585-88-6 is not present on state lists from CA, PA, MN, MA, FL, or NJ. California Prop 65 California

No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 585-88-6: No information available.

Canada - DSL/NDSL

CAS# 585-88-6 is listed on Canada's NDSL List.

Canada - WHMIS

WHMIS: Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

16. Other Information

None

Notice

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Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a product specification sheet and/or a certificate of analysis.

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