

Material Safety Data Sheet

Maltodextrin

SECTION 1: Chemical Product and Company Identification

Product Name: Maltodextrin
Synonyms: Dextrin, Dextrin from maize starch
CAS No.: 9050-36-6
Molecular Weight: 344.31
Chemical Formula: $C_{12}H_{24}O_{11}$
Manufacturer: ZHUCHENG DONGXIAO BIOTECHNOLOGY CO., LTD.
XINXING TOWN, ZHUCHENG, SHANDONG, CHINA
Website: www.dxbiotech.com.cn

For other information call: 86-532-85879189

SECTION 2 : Composition/Information on Ingredients

Ingredient	CAS No	%by weight	Hazardous
Maltodextrin	9050-36-6	100%	No

SECTION 3: Hazards Identification

Potential Acute Health Effects:

NO BAD EFFECT TO BODY, JUST FOR FOOD GRADE.

SECTION 4: First Aid Measures

Inhalation exposure

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

SECTION 5: Fire and Explosion Data

Flammability of the product:

May be combustible at high temperature.

Flash Point:

Not applicable.

Explosive Limit:

Not applicable.

Autoignition Temperature:

No data

Hazardous Products of combustion:

Carbon dioxide and carbon monoxide.

Fire and Explosion Hazards:

No special fire hazards are known to be associated with this product.

Extinguishing media and Instructions:

Use an extinguishing media appropriate for surrounding fire.

Small fire: use dry chemical powder.

Large fire: use water spray, fog or foam. Do not use water jet.

SECTION 6: Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

Ventilate area and wash spill site after material pickup is complete.

SECTION 7: Handling and Storage

STORAGE

Suitable: Keep tightly closed. Store in a cool dry place.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective:

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves .

Hand: Protective gloves.

Eye: Chemical safety goggles.

Personal Protection In Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots .Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.

Exposure Limits:

Not available.

SECTION 9: Physical/Chemical Characteristics Data

Appearance: White powder

Boiling Point: 527 °C .

Melting point: 240 °C

Color: White

Odor: Odorless

Solubility in water: Soluble

pH: 4.0-6.0

Vapor Pressure: Not Applicable

Specific Vapor Density: Not Applicable

Specific Gravity: No data

Volatility: Not available

Odor Threshold: Not available

Evaporation Rate (BuAc=1): Not Applicable.

SECTION 10: Stability and Reactivity Data

Hazardous Polymerization:

Product will not undergo hazardous polymerization.

Hazardous Decomposition Products:

May form: carbon dioxide and carbon monoxide.

Chemical Stability:

Stable

Incompatibility:

Avoid contact with: strong oxidizing agents.

SECTION 11: Toxicological Information

ROUTE OF EXPOSURE

Inhalation: NO HARMFUL TO PEOPLE'S HEALTH
skin absorption. NO BAD

SECTION 12: Ecological Information

Ecotoxicity: Not available :

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the products of biodegradation: The products of degradation are more toxic.

Special Remarks on the products of Biodegradation: Not available.

SECTION 13: Disposal Considerations

Waste Management Information

Dispose of in accordance with all applicable local, state regulations.

SECTION 14: Transport Information

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

SECTION 15: Other Regulatory Information

US Federal Regulations:

TSCA (Toxic Substances Control Act) Status:

TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4(a):None listed

CERCLA RQ - 40 CFR 302.4(b): Materials without a "listed" RQ may be reportable as an "unlisted hazardous substance". See 40 CFR 302.5 (b).

SARA 302 Components - 40 CFR 355 Appendix A : None

SARA 313 Components - 40 CFR 372.65: None

Canada regulatory information

Whmis Classification: Not controlled under WHMIS (Canada)

DSCL(EEC):R36/38-Irritating to eyes and skin.

International Regulations

Inventory Status Not determined

SECTION 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. User should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Dongxiao Co. be liable for any claims , losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Dongxiao Co. has been advised of the possibility of such damages.

ZHUCHENG DONGXIAO BIOTECHNOLOGY CO., LTD.
诸城东晓生物科技有限公司

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