

Section 1. Product and Company Identification

Product Name Maltodextrin
CAS Number 9050-36-6

CHEMWORK CO.,LTD.
638 SOI SUANPLU7, SOUTHSATHORN
ROAD T.TUNGMAHAMEK, A.SATHORN
BANGKOK 10120, THAILAND
TEL: 0-2679-3915, 0-2679-3916

Section 2. Hazards Identification

Classification of the substance or mixture: Not classified as a hazardous substance or mixture according to OSHA Hazard Communication Standard 1910.1200.

Emergency Overview: Product dust may be irritating to eyes, skin and respiratory system. Fine dust dispersed in air may ignite.

Appearance: White

Physical State: Powder

Odor: Odorless

Potential Health Effects

Principle Routes of Exposure: Eye contact, Skin contact, and Inhalation.

Acute Effects

Eyes: May cause slight irritation

Skin: May cause slight skin irritation

Inhalation: May cause irritation of respiratory tract

Ingestion: Health injuries are not known or expected under normal use.

Chronic Effects: None known.

Aggravated Medical Conditions: Skin disorders. Respiratory disorders .

Potential Environmental Effects: See Section 12 for additional ecological information.

Toxicological Information: See Section 11 for additional toxicological information.

Section 3. Composition / Information on Ingredients

Common Name Maltodextrin
Formula (C₆H₁₀O₅)_n
CAS Number 9050-36-6

COMPONENT	CAS NUMBER	CONCENTRATION
Maltodextrin	9050-36-6	95%
Water	7732-18-5	5%

Section 4. First Aid Measures

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids

Skin Contact: Rinse with water

Inhalation: Move to fresh air

Ingestion: Clean mouth with water and afterwards drink plenty of water

Notes to Physician: Treat symptomatically

Section 5. Firefighting Measures

Flammable Properties: Fine dust dispersed in air may ignite. Risks of ignition followed by flame propagation or secondary explosions should be prevented by avoiding accumulation of dust, e.g. on floors and ledges.

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water.

Unsuitable Extinguishing Media: None known.

Hazardous Combustion Products: Carbon monoxide (CO), Carbon dioxide (CO₂).

Explosion Data

Sensitivity to Mechanical Impact: No information available.

Sensitivity to Static Discharge: Yes (as dust).

Specific Hazards Arising from the Chemical: None known

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Rating

Health: 0

Flammability: 1

Reactivity: 0

Section 6. Accidental Release Measures

Personal Precautions: Avoid dust formation. Use personal protective equipment.

Environmental Precautions: Local authorities should be advised if significant spillages cannot be contained.

Methods for Clean-up: Shovel or sweep up.

Section 7. Handling and Storage

Handling: Ensure adequate ventilation. Avoid dust formation in confined areas. Fine dust dispersed in air may ignite. Refer to NFPA61, "Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities".

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place

Section 8. Exposure Controls / Personal Protection**Exposure Limits**

Chemical Name: Particulates not otherwise regulated

ACGIH TLV: TWA: 10 mg/m³

TWA: 3 mg/m³

OSHA PEL: TWA: 15 mg/m³

TWA: 5 mg/m³

NIOSH IDLH: N/A

Mexico: N/A

Engineering Measures: Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

Personal Protective Equipment

Eye/Face Protection: Safety glasses with side-shields

Skin and Body Protection: Long sleeved clothing

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Appearance: White

Physical State: Powder

Odor: Odorless

Odor Threshold: No information available

Flash Point: Not applicable

Auto-Ignition Temperature: No information available

Boiling Point: Not applicable

Melting/Freezing Point: No information available

Flammability Limits in Air: No information available

Explosion Limits: No information available

pH: No information available

Vapor Pressure: No information available

Water Solubility: Soluble

Specific Gravity: No information available

Evaporation Rate: No information available
Vapor Density: No information available

Section 10. Stability and Reactivity

Chemical Stability: Stable under normal conditions
Conditions to Avoid: Avoid dust formation.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: None known.
Possibility of Hazardous Reactions: None under normal processing

Section 11. Toxicological Information

Acute Toxicity

Product Information

LD50 Oral: No information available
LD50 Dermal: No information available
LC50 Inhalation: No information available

Toxicology data for the components: No information available

Chemical Name: Water

Weight %: 5%

LD50 Oral: 90 mL/kg Rat

LD50 Dermal: N/A

LC50 Inhalation: N/A

Chronic Effects

Carcinogenicity: There are no known carcinogenic chemicals in this product.

OSHA (Occupational Safety & Health Administration): Not Listed

ACGIH (American Conference of Governmental Industrial Hygienists): Not Listed

NTP (National Toxicity Program): Not Listed

Mexico (Official Mexican Norm NOM-010-STPS-1999): Not Listed

IARC (International Agency for Research on Cancer): Not Listed

Sub-Chronic Toxicity: No information available

Irritation: No information available

Corrosivity: No information available

Sensitization: No information available

Neurological Effects: No information available

Mutagenic Effects: No information available

Reproductive Effects: No information available

Developmental Effects: No information available

Teratogenicity: No information available

Target Organ Effects: Respiratory system, Eyes, Skin

Section 12. Ecological Information

Ecotoxicity: Contains no substances known to be hazardous to the environment. Contains no substances known to be not degradable in waste water treatment plants.

Persistence/Degradability: Readily biodegradable.

Bioaccumulation/Accumulation: Not applicable.

Mobility: Soluble in water

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Domestic Transport Regulations (USA)

DOT: Not regulated

Domestic Transport Regulations (Canada)

TDG: Not regulated

Domestic Transport Regulations (Mexico)

MEX: Not regulated

International Transport Regulations

ICAO: Not regulated

IATA: Not regulated

IMDG/IMO: Not regulated

Section 15. Regulatory Information

International Inventories

The components of this product are reported in the following inventories:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	AICS	ENCS	CHINA	PICCS	KECL	NZIoC
Maltodextrin	Yes	Yes	No	Yes 231-791-2	No	Yes	No	Yes	Yes	Yes KE-35400	Yes
Water	Yes	Yes	No	Yes 231-791-2	No	Yes	No	Yes	Yes	Yes KE-35400	Yes
Particulates not otherwise regulated	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



USA

Federal Regulations

Ozone Depleting Substances: No Class I or Class II material is known to be used in the manufacture of, or contained, in this product.

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

SARA 311/312 Hazardous Categorization

- Acute Health Hazard:** No
- Chronic Health Hazard:** No
- Fire Hazard:** No
- Sudden Release of Pressure Hazard:** No
- Reactive Hazard:** No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): This product is not known to contain any HAPs.

State Regulations

California Proposition 65

Proposition 65 chemicals are not expected to be found in this product above those naturally present in their agricultural source.
Proposition 65 exempts naturally occurring listed chemicals from an obligation to label.

State Right-to-Know

No known components subject to "Right-To-Know" legislation in the following States:

Chemical Name	Weight %	Illinois	Massachusetts	New Jersey	Pennsylvania	Rhode Island
Maltodextrin	95%	No	No	No	No	No
Water	5%	No	No	No	No	No

Canada

WHMIS Product Classification: Exempt: Food Product per Hazardous Products Act Part II Controlled Products Section 12.

WHMIS Ingredient Disclosure List IDL: No known component is listed on the WHMIS ingredients disclosure list.

(NPRI) Canadian National Pollutant Release Inventory: No known component is listed on NPRI.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Mexico

Mexico - Grade No information available.

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 7/21/2015

