



Section 1. Product and Company Identification

**Product Name** Maltodextrin  
**CAS Number** 9050-36-6

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
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**EMERGENCY RESPONSE NUMBER**  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

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**  $(C_6H_{10}O_5)_n$   
**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 (CO<sub>2</sub>).

**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/m<sup>3</sup>

TWA: 3 mg/m<sup>3</sup>

**OSHA PEL:** TWA: 15 mg/m<sup>3</sup>

TWA: 5 mg/m<sup>3</sup>

**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.

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