

## Material Safety Data Sheet Maltodextrin

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Maltodextrin

**Synonyms:** MALTRIN\_ M040, M040 NF, M050, M070, M100, M100 NF, M105, M150, M150 NF, M180, M180 NF, M510, M510 NF, M520

**Application:** Food

**Distributed By:**  
Ingredient Depot

**Prepared By:** Ingredient Depot Compliance & Regulatory Affairs Dept.

**Preparation date of MSDS:** 25 October 2018

**Telephone number of preparer:** 1-800-463-0665

**24-Hour Emergency Telephone Number:** 1-800-463-0665

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percentage by weight	LD50s and LC50s Route & Species:
Maltodextrin	~95	Not available.

**Notes:** No additional remark.

### 3. HAZARDS IDENTIFICATION

**Potential Acute Health Effects:**

Not available

**Potential Chronic Health Effects:**

Not available

## 4. FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention

**Skin Contact:** Get medical attention if irritation develops and persists.

**Serious Skin Contact:** Not available.

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention if irritation develops or persists.

**Ingestion:** Rinse mouth. Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

## 5. FIRE FIGHTING MEASURES

**Flammability of the Product:** Keep away from sources of ignition, sparks, and open flames. Use only in well-ventilated areas. Provide adequate dust control.

**Flash Point:** Not available.

**Autoignition Temperature:** Not available.

**Flammable Limits in Air (%):** Not available.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Not available.

**Explosion Hazards in Presence of Various Substances:** Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.

**Fire Fighting Media and Instructions:** Water spray. Apply extinguish media carefully to avoid creating airborne dust. Use water spray to prevent dust-air mixtures.

## 6. ACCIDENTAL RELEASE MEASURES

The product is immiscible with water and will spread on the water surface. Minimize dust generation and accumulation. Prevent entry into waterways, sewer, basements or confined areas. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Sweep up or vacuum up spillage and collect in suitable container for disposal. Collect dust using a vacuum cleaner equipped with HEPA filter. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

## 7. HANDLING AND STORAGE

**Handling:** Eliminate all sources of ignition. Minimize dust generation and accumulation. Combustible dust clouds may be created where operations produce fine materials(dust). **Storage:** Keep away from heat, sparks and open flame. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Store away from incompatible materials. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Use only non-sparking tools.

**Personal Protection:** Wear appropriate personal protective equipment. Avoid inhalation of dust from the spilled material. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

**Personal Protection in Case of a Large Spill:** Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

**Exposure Limits:** Not available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Solid.

**Appearance:** Powder.

**Odor:** Typical Odor.

**Taste:** Not available.

**Molecular Weight:** Not available.mol

**Color:** White.

**pH:** Not available

**Boiling Point:** Not available.

**Melting Point:** Not available.

**Critical Temperature:** Not available.  
**Specific Gravity / Density:** Not available  
**Vapor Pressure:** Not applicable.  
**Vapor Density:** Not available.  
**Volatility:** Not available.  
**Odor Threshold:** Not available.  
**Water/Oil Dist. Coeff.:** Not available.  
**Ionicity (in Water):** Not available.  
**Dispersion Properties:** Not available.  
**Solubility:** Soluble.

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable.  
**Instability Temperature:** Not available.  
**Conditions of Instability:** Not available.  
**Incompatibility with various substances:** Strong oxidizers.  
**Corrosivity:** Non-corrosive in presence of glass.  
**Special Remarks on Reactivity:** Not available.  
**Special Remarks on Corrosivity:** Not available.  
**Polymerization:** No.

## 11. TOXICOLOGICAL INFORMATION

**Routes of entry:** Expected to be a low ingestion hazard.  
**Toxicity to Animals:** LD50: Not available. LC50: Not available.  
**Chronic Effects on Humans:** Not available.  
**Other Toxic Effects on Humans:** Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.  
**Special Remarks on Toxicity to Animals:** Not available.  
**Special Remarks on Chronic Effects on Humans:** Not available.  
**Special Remarks on other Toxic Effects on Humans:** Not available.

## 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.

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Waste Method:** Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.  
**Contaminated Packaging:** Empty containers should be recycled or disposed of through an approved waste management facility.

## 14. TRANSPORT INFORMATION

### DOT (U.S.):

**DOT Shipping Name:** Not Regulated.

**DOT Hazardous Class:** Not Applicable.

**DOT UN Number:** Not Applicable.

**DOT Packing Group:** Not Applicable.

**DOT Reportable Quantity (lbs):** Not Applicable.

**Notes:** No additional remark.

**Marine Pollutant:** No.

### ICAO/IATA:

**IATA Proper Shipping Name:** Not Regulated.

**IATA Hazard Class:** Not Applicable.

**UN Number:** Not Applicable.

**Packing Group:** Not Applicable.

**IATA Label:** Not Applicable.

**IATA Remarks:** No additional remark.

### IMDG:

**IMDG Proper Shipping Name:** Not Regulated.

**Hazard Class:** Not Applicable.

**UN Number:** Not Applicable.

**Packing Group:** Not Applicable.

**Marine Pollutant:** No.

**IMDG Label:** Not Applicable.

**Remarks:** No additional remark.

### TDG (Canada):

**TDG Proper Shipping Name:** Not Regulated.

**Hazard Class:** Not Applicable.

**UN Number:** Not Applicable.

**Packing Group:** Not Applicable.

**Note:** No additional remark.

**Marine Pollutant:** No.

## 15. REGULATORY INFORMATION

**U.S. TSCA Inventory Status:** All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

**Canadian DSL Inventory Status:** All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

### U.S. Regulatory Rules

Ingredients	CERCLA/SARA - Section 302:	SARA (311, 312) Hazard Class:	CERCLA/SARA - Section 313:
Maltodextrin	Not Listed.	Not Listed.	Not Listed.

**California Proposition 65:** Not Listed.

**MA Right to Know List:** Not Listed.

**New Jersey Right-to-Know List:** Not Listed.

**Pennsylvania Right to Know List:** Not Listed.

**WHMIS Hazardous Class:** Not controlled.

## 16. OTHER INFORMATION

### **Additional Information:**

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

### **Disclaimer:**

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**\*\*\*END OF MSDS\*\*\***