



# SAFETY DATA SHEET

GUMPLETETM PECTIN HM 150

## 1. Identification

**Product identifier:**

Product number: 38600900  
Product name: GUMPLETETM PECTIN HM 150

**Other means of identification:**

Chemical family: No data available

**Recommended use and restrictions on use:**

Recommended use: Emulsifying, gelling, stabilizing and thickening agent  
Restrictions on use: Not Available

**Initial supplier identifier:**

Ingredion Canada Corporation  
1600 - 90 Burnhamthorpe Road West  
Mississauga, Ontario, L5B 0H9, Canada  
(905) 281-7950 (business hours)

**Emergency telephone number and any restrictions on the use of that number, if applicable:**

MEDICAL: 1-866-374-2659 (Health & Safety Call Center - 24 hours)  
TRANSPORT: 1-800-424-9400 (CHEMTREC - 24 hours)

## 2. Hazard identification

Classification of the chemical is in accordance with Hazardous Products Regulations (HPR) as implemented under the Workplace Hazardous Materials Information System (WHMIS):

**GHS Hazard Symbols:**

No hazard symbols required

**Hazard Statements:**

May form combustible dust concentrations in air

**Label elements:**

**GHS Classification:**

Combustible Dust

**Signal Word:**

Warning

**Precautionary Statements:**

No Precautionary Statement needed.

**Physical hazards not otherwise classified:**

**Hazard Category:** None known.

**Health hazards not otherwise classified:**

**Hazard Category:** None known.

**Other hazards known to the supplier with respect to the hazardous product:** No data available

**% unknown toxicity (Oral):** 70 % of the mixture consists of ingredients of unknown toxicity  
**% unknown toxicity (Dermal):** 70 % of the mixture consists of ingredients of unknown toxicity  
**% unknown toxicity (Inhalation Dust):** 70 % of the mixture consists of ingredients of unknown toxicity

### 3. Composition/information on ingredients

Chemical Name	CAS registry number and any unique identifiers	Concentration (% by weight)
None classified as hazardous under the Workplace Hazardous Materials Information System (WHMIS).		

### 4. First-aid measures

**A description of necessary first-aid measures, subdivided according to the different routes of exposure (inhalation, ingestion, skin and eye contact):**

Inhalation: When symptoms occur; go into open air and ventilate suspected area.  
 Ingestion: Rinse mouth. Do NOT induce vomiting.  
 Skin Contact: Rinse with plenty of water.  
 Eye Contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Most important symptoms and effects, whether acute or delayed:** Dust from this product may cause minor eye irritation. Prolonged inhalation of dust may cause respiratory irritation. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

**Indication of immediate medical attention and special treatment needed, if necessary:** No additional information available.

### 5. Fire-fighting measures

**Suitable and unsuitable extinguishing media:**

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
 Unsuitable extinguishing media: Do not use a heavy water stream.

**Specific hazards arising from the hazardous product:**

Stable at ambient temperatures and under normal conditions of use. Combustible Dust. Dust explosion hazard in air. Supports combustion at high temperatures. Under conditions of fire this material may produce: Carbon dioxide. Carbon monoxide. Avoid dust clouds in combination with static electricity. Dust clouds can be explosive.



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Hazardous combustion products: Carbon monoxide, carbon dioxide.

**Special protective equipment and precautions for fire-fighters:**

Exercise caution when fighting any chemical fire. Do not allow run-off from firefighting to enter drains or water courses. Do not enter fire areas without proper protective equipment, including respiratory protection.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Use appropriate personal protective equipment (PPE). Evacuate unnecessary personnel. Avoid generating dust. Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. Ventilate area.

**Methods and materials for containment and cleaning up:**

Should not be released into the environment. Prevent entry to sewers and public waters.

## 7. Handling and storage

**Precautions for safe handling:**

Take precautionary measures against static discharge. Handle in accordance with good industrial hygiene and safety procedures.

**Conditions for safe storage, including any incompatibilities:**

Safe storage conditions:

Keep only in the original container in a cool, well ventilated place away from: Direct sunlight. Heat sources. Keep container closed when not in use. Protect from moisture.

Other precautions:

None known

Materials to Avoid/Chemical Incompatibility:

Strong acids. Strong bases.

## 8. Exposure controls/personal protection

**Control parameters, including occupational exposure limit values or biological limit values and the source of those values:**

Chemical Name	OSHA PEL	ACGIH TLV-TWA	AIHA Exposure limits
No data available			

This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m<sup>3</sup>.

**Appropriate engineering controls:**

Provide adequate ventilation to minimize dust concentrations. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed.

**Individual protection measures, such as personal protective equipment:**

<b>Respiratory Protection:</b>	Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits.
<b>Eye protection:</b>	Chemical goggles or safety glasses.
<b>Skin protection:</b>	Skin protection may be required depending on product temperature.
<b>Gloves:</b>	Wear protective gloves.
<b>Other protective equipment:</b>	Not available
<b>General hygiene conditions:</b>	When using, do not eat, drink or smoke.

## 9. Physical and chemical properties

### Appearance, such as physical state and colour:

Physical state:	Powder
Colour:	Light Tan-Brown

**Odour:** Odorless

**Odour threshold:** Not available

**pH:** Not available

**pH in (1%) Solution:** Not available

### Melting point and freezing point:

Melting point (°C):	Not available
Freezing point (°C):	Not available

**Initial boiling point and boiling range:** Not available

**Flash point:** Not applicable

**Evaporation rate:** Not applicable

**Flammability, in the case of solids and gases:** No

### Upper and lower flammability or explosive limits:

Upper flammability or explosive limits:	Not available
Lower flammability or explosive limits:	Not available

**Vapour pressure:** Not available

**Vapour density:** Not available

**Relative density:** No data available

**Solubility:** Not available

**Partition coefficient - n-octanol/water:** Not available

**Auto-ignition temperature:** Not available

**Decomposition temperature:** Not available

**Viscosity:** Not available

**Volatiles:** None

**Volatile Organic Chemicals (VOC):** Not available

## 10. Stability and reactivity

**Reactivity:** Stable at ambient temperatures and under normal conditions of use.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid, including static discharge, shock or vibration:** Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation.

**Incompatible materials:** Strong acids. Strong bases.

**Hazardous decomposition products:** Under conditions of fire this material may produce: Carbon oxides (CO, CO<sub>2</sub>).

## 11. Toxicological information

### Description of the various toxicological (health) effects and the available data used to identify those effects:

**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** Eye Contact, Skin Contact, Inhalation, Ingestion.

**Target Organs Potentially Affected by Exposure:** None known.

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available

**Toxic effects:** Not established.

### Delayed and immediate effects, and chronic effects from short-term and long-term exposure:

#### Acute Toxicity:

Acute Toxicity - Oral: Based on available data, the classification criteria are not met.

Acute Toxicity - Dermal: Based on available data, the classification criteria are not met.

Acute Toxicity - Inhalation: Based on available data, the classification criteria are not met.

**Skin Corrosion / Irritation:** Rinse with plenty of water. Unlikely to cause harmful effects under recommended conditions of handling and use.

**Eye Damage / Irritation:** Based on available data, the classification criteria are not met.

**Respiratory Sensitization:** Based on available data, the classification criteria are not met.

**Skin Sensitization:** Based on available data, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on available data, the classification criteria are not met.

**Reproductive Toxicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** None known.

**STOT - single exposure:** Based on available data, the classification criteria are not met.

**STOT - repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

**Numerical measures of toxicity including ATE's:**

There is no known toxicity data available for the components or the product.

**12. Ecological information**

**Ecotoxicity (aquatic and terrestrial if available):** No information available.

**Component toxicity data:**

Chemical Name	CAS registry number and any unique identifiers	Aquatic LC50 Fish	Aquatic ERC50 Algae	Aquatic EC50 Crustacea
No data available				

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** Unknown

**Other adverse effects:** None known.

**13. Disposal considerations**

**Information on safe handling for disposal and methods of disposal, including any contaminated packaging:** Disposal should be in accordance with local, provincial or national legislation.

**Empty Container Warnings:** Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

**14. Transport information**

**UN number:** Not applicable

**United Nations proper shipping name as provided for in the United Nations Model Regulations:** Not regulated



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**Transport hazard class as provided in the United Nations Model Regulations:** Not applicable  
**Packing group as provided in the United Nations Model Regulations:** Not applicable  
**Toxic Inhalation Hazard Zone:** No data available

**Environmental hazards according to the International Maritime Dangerous Goods Code and the United Nations Model Regulation:** No data available

**Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78), and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)):** No data available

**Special precautions in connection with transport or conveyance either within or outside the premises:** Consult IMO regulations before transporting in bulk by ocean.

## 15. Regulatory information

Safety, health and environmental regulations made within or outside Canada, specific to the product in question:

<b>Canada - Domestic Substances List (DSL):</b>	On Inventory
<b>Canada - Non-Domestic Substances List (NDSL):</b>	Not On Inventory
<b>Canada - In-Commerce List (ICL):</b>	Not On Inventory

## 16. Other information

**Date of SDS preparation or last revision (mm-dd-yyyy):** 03-08-2022

**For product information, contact:** Ingredion Incorporated  
Customer Service: 1-800-713-0208

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