

# Safety Data Sheet



**NOVATION™ 8600**

## 1 Identification

**Product Identifier:** NOVATION™ 8600

**Product Number (New):** 34111D02

**Product Number (Old):** 595123

**Other means of identification:**

**Synonyms:** Not Available

**Chemical Family:** Starch

**Recommended use and restrictions on use:**

**Recommended use:** Food products

**Restrictions on use:** Not Available

**Initial Supplier Identifier:**

**- MANUFACTURER -**

Ingredion Incorporated

5 Westbrook Corporate Center

Westchester, IL 60154

USA

**EMERGENCY PHONES:**

Medical: 1-866-374-2659 (Health & Safety Call Center - 24 hours)

Transport: 1-800-424-9400 (CHEMTREC - 24 hours)

SDS Requests/Customer Service: See phone numbers in Section 16

**- SUPPLIER -**

Ingredion Canada Corporation

1600 - 90 Burnhamthorpe Road West

Mississauga, Ontario, L5B 0H9, Canada

(905) 281-7950 (business hours)

Fax: 905-281-7951

## 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):**

**Classification of the hazardous product:** Combustible dust category 1

**Warning word:** Warning

**Hazard statements:** May form combustible dust concentrations in air

**Other hazards known to the supplier with respect to the hazardous product:**

**Physical hazards not otherwise classified** None known.

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Health hazards not otherwise classified None known.

## 3 Composition/information on ingredients

Chemical Name	CAS registry number and any unique identifiers	Concentration
NONE HAZARDOUS		

## 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:** Remove to fresh air. Get medical attention if irritation persists.  
**Eye contact:** Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart.  
If symptoms develop, obtain medical attention.  
**Skin Contact:** Wash skin with soap and water.  
**Ingestion:** None required.  
**The most important symptoms and effects, whether acute or delayed:** Possible physical irritant from dust particles.  
**An indication of immediate medical attention and special treatment needed, if necessary:** No further first aid information is available.

## 5 Fire-fighting measures

**Suitable and unsuitable extinguishing media:**

**Suitable extinguishing media:** Foam Water Fog CO2 Dry Chemical

**Unsuitable extinguishing media:** No data available

**Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion:**

Minimum ignition temperature of dust cloud- approx. 390 C. Minimum explosive concentration- approx. 80 mg/l. Minimum energy to ignite cloud by electrical spark- approx. 0.10 joules.

**Hazardous Combustion Products:**

This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

**Special protective equipment and precautions for firefighters:**

No special procedures are required.

## 6 Accidental release measures

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**Personal precautions, protective equipment and emergency procedures:** No data available  
**Methods and materials for containment and cleaning up:** No data available

## 7 Handling and storage

**Precautions for safe handling:** Use care to minimize dust generation in normal use conditions.  
**Conditions for safe storage, including any incompatibilities:**  
**Conditions for safe storage:** No data available  
**Storage temperature:** Ambient.  
**Materials to Avoid/Chemical Incompatibility:** None known

## 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	ACGIH STEL	IDLH
No data available				

**Appropriate engineering controls:** General.  
**Individual protection measures, such as personal protective equipment:**  
**Respiratory Protection:** NIOSH approved dust mask.  
**Eye and face protection:** Safety glasses recommended.  
**Skin Protection:** Not applicable.  
**Hand protection:** Gloves are not normally required for foreseeable conditions of use.  
**Other protective equipment:** Not applicable.  
Safety glasses recommended.  
**General hygiene conditions:** No data available

## 9 Physical and chemical properties

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

**Physical state:** Powder  
**Colour:** White  
**Odour:** Starch

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<b>Odour threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting point and freezing point:</b>	
<b>Melting point (°C):</b>	Not available
<b>Freezing point (°C):</b>	No data available
<b>Initial boiling point and boiling range (°C):</b>	Not available
<b>Flash point (°C):</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Flammability, in the case of solids and gases:</b>	No
<b>Upper and lower flammability or explosive limits:</b>	
<b>Upper flammable or explosive limit, % in air:</b>	Not applicable
<b>Lower flammable or explosive limit, % in air:</b>	Not applicable
<b>Vapour pressure:</b>	No data available
<b>Vapour density:</b>	Not applicable
<b>Relative density:</b>	1.5
<b>Solubility:</b>	Insoluble
<b>(Partition coefficient — n-octanol/water:</b>	No data available
<b>Auto-ignition temperature (°C):</b>	Not available
<b>Decomposition temperature (°C):</b>	Not determined.
<b>Viscosity:</b>	No data available
<b>Volatile Organic Chemicals:</b>	0

## 10 Stability and reactivity

<b>Reactivity:</b>	Not expected to be reactive
<b>Chemical stability:</b>	Stable
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid, including static discharge, shock or vibration:</b>	None known
<b>Incompatible materials:</b>	None known
<b>Hazardous decomposition products:</b>	This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

## 11 Toxicological information

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**Description of the various toxic health effects and the data used to identify those effects:**

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

**Symptoms related to the physical, chemical and toxicological characteristics:** Possible physical irritant from dust particles.

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

**Immediate effects from short term exposure:**

**Inhalation Toxicity:** No data available

**Skin Contact:** No data available

**Eye Contact:** No data available

**Ingestion Toxicity:** No data available

**Delayed and chronic effects from long term exposure:**

**Carcinogenicity:** No data available

**Reproductive and Developmental Toxicity:** No data available

**Mutagenicity:** No data available

**Inhalation:** No data available

**Skin Contact:** No data available

**Skin Absorption:** No data available

**Ingestion:** No data available

**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 ATEs**

Based on available data, the classification criteria are not met.

<b>12 Ecological information</b>
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<b>Ecotoxicity (aquatic and terrestrial, if available):</b>	No data available
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## Ecological Toxicity Data:

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

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** No data available

## 13 Disposal considerations

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

## 14 Transport information

**Carriage of dangerous goods by road (TDG), rail or inland waterways:**

**T.D.G. CLASS**

**SHIPPING NAME** Not Regulated

## 15 Regulatory information

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

**Canadian Domestic Substance List (DSL)** On Inventory

## 16 Other information

**Date of the latest revision of the safety data sheet:** 06-06-2018

**Revision Number:** 14

**Reason for revision:** Activated by document formulation generation

**Prepared By:** Ingredion Canada Corporation  
1600-90 Burnhamthorpe Road West  
Mississauga, ON L5B 0H9 Canada  
Phone: 905-281-7960 or 1-866-422-7201  
Fax: 905-279-2535

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**Disclaimer:**

ADDITIONAL INFORMATION: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.