



# Material Safety Data Sheet

NOVATION™ 9260

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NUMBER (NEW): 34121102  
PRODUCT NUMBER (OLD) : N515902

PRODUCT NAME: NOVATION™ 9260

- MANUFACTURER -  
Ingredion Incorporated  
5 Westbrook Corporate Center  
Westchester, IL 60154  
USA

- SUPPLIER -  
Ingredion Canada Corporation  
1600 - 90 Burnhamthorpe Road West  
Mississauga, Ontario, L5B 0H9, Canada  
(905) 281-7950 (business hours)  
Fax: 905-281-7951

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

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## 2. HAZARDS IDENTIFICATION

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### EMERGENCY OVERVIEW

Possible physical irritant from dust particles. Potential for dust explosion.  
White Solid Starch odor

EYE CONTACT Particulates may scratch eye surfaces and cause mechanical irritation.  
SKIN CONTACT Repeated or prolonged skin contact may result in mild irritation.  
INHALATION This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m<sup>3</sup>.  
INGESTION No hazard in normal industrial use.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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<u>CHEMICAL FAMILY</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u> (weight %)
NONE HAZARDOUS		

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## 4. FIRST-AID MEASURES

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EYE CONTACT Irrigate with eyewash solution or clean water until pain is relieved. If symptoms develop, obtain medical attention.

SKIN CONTACT Wash skin with soap and water.

INHALATION Remove patient from exposure.

INGESTION Not applicable.

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### 5. FIREFIGHTING MEASURES

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AUTOIGNITION	Not available
FLASH POINT	Not applicable
EXTINGUISHING MEDIA	CO <sub>2</sub> ; Dry Chemical; Foam; Water Fog
SPECIAL FIREFIGHTING PROCEDURES	Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
FIRE & EXPLOSION HAZARDS	Minimum ignition temperature of dust cloud- approx. 390 C. Minimum explosive concentration- approx. 70 mg/l. Minimum energy to ignite cloud by electrical spark- approx. 0.06 joules.
HAZARDOUS COMBUSTION PRODUCTS	This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.
LOWER EXPLOSION LIMIT (%)	Not applicable
UPPER EXPLOSION LIMIT (%)	Not applicable

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### 6. ACCIDENTAL RELEASE MEASURES

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SPILL AND LEAK PROCEDURES	Spills should be taken up with sand, earth or any suitable absorbent material and placed in containers. Spill area can be washed with water; collect wash water for approved disposal. Do not flush to storm sewer or waterway.
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For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

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### 7. HANDLING AND STORAGE

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STORAGE TEMPERATURE	Ambient.
HANDLING/STORAGE	Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.
SENSITIVITY TO STATIC ELECTRICITY	Yes
SENSITIVITY TO MECHANICAL IMPACT	No

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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VENTILATION	General.
EYE PROTECTION	Chemical safety glasses.
GLOVES	Gloves are not normally required for foreseeable conditions of use.
CLOTHING	Uniforms, coveralls, or a lab coat should be worn.
CHANGE/REMOVAL OF CLOTHING	Remove contaminated clothing and launder before reuse.
WASH REQUIREMENTS	Wash before eating, drinking, or using washroom facilities.
RESPIRATOR	NIOSH approved dust mask.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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PURE SUBSTANCE OR MIXTURE	Pure
PHYSICAL FORM	Powder
COLOUR	White
ODOUR	Starch

ODOR THRESHOLD	Not available
MOLECULAR WEIGHT	> 10000
pH AS IS	Not applicable
pH IN (1%) SOLUTION	Approximately 6.0
OXIDIZING PROPERTIES	Not applicable
BOILING POINT	Not applicable
MELTING/FREEZING POINT	Not applicable
SOLUBILITY IN WATER	Insoluble
PARTITION COEFFICIENT (n-octanol/water)	Not applicable
SPECIFIC GRAVITY (WATER=1)	1.500
EVAPORATION RATE	Not applicable
VAPOUR PRESSURE	Not applicable
VAPOUR DENSITY (Air=1)	Not applicable
VOLATILES (%)	None
VOLATILE ORGANIC COMPOUNDS	Not applicable
AUTOIGNITION	Not available
FLASH POINT	Not applicable

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#### 10. STABILITY AND REACTIVITY

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STABILITY	Stable
HAZARDOUS DECOMPOSITION PRODUCTS	Stable under normal temperature and pressure.
HAZARDOUS DECOMPOSITION PRODUCTS	This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

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#### 11. TOXICOLOGICAL INFORMATION

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ROUTE OF ENTRY	Eye Contact; Skin Contact; Inhalation; Ingestion
<b>CHRONIC (LONG TERM) EFFECTS OF EXPOSURE</b>	
EFFECTS OF CHRONIC EXPOSURE	This product is considered as being non-toxic. Use of good industrial hygiene practices is recommended.
TARGET ORGANS	Not applicable.
CARCINOGEN	No.

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#### 12. ECOLOGICAL INFORMATION

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POTENTIAL TO BIOACCUMULATE	Not available.
AQUATIC TOXICITY	Not available.

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#### 13. DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHODS	Use government approved waste disposal service.
EMPTY CONTAINER WARNINGS	Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

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#### 14. TRANSPORTATION INFORMATION

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	<u>T.D.G. INFORMATION</u>
<b>T.D.G. CLASS</b>	
SHIPPING NAME	Not Regulated

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#### 15. REGULATORY INFORMATION

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

WHMIS CLASS Not controlled

Canadian Domestic Substance List (DSL) On Inventory

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**16. OTHER INFORMATION**

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MSDS DATE	28-April-2021
SECTIONS MODIFIED SINCE PREVIOUS ISSUE	16
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

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.