

## 1. Identification

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**Product identifier used on the label:** HEMOCRAFT(R) CREATE 335  
flour

**Other means of identification:**

**Synonyms:** None  
**Chemical family:** Carbohydrate

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Food products  
**Restrictions on use:** Not Available

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

### **SUPPLIER**

National Starch Pty Ltd  
New Zealand Branch  
Unit 5, 706 Great South Road  
Penrose Auckland 1642  
New Zealand  
Tel: +64 9 582 0284 (business hours)

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CHEMTREC - Emergency Telephone (Medical & Transport Incident With Product- 7Days/24 Hours)

The global (outside US) number: +1 703-741-5970

Australia: +(61)-290372994

China: 4001-204937

Hong Kong: 800-968-793\*

India: 000-800-100-7141\*

Indonesia: 001-803-017-9114\*

Japan: +(81)-3-4520-9637

Malaysia: +(60)-392125794, 1-800-815-308\*

New Zealand: +(64)-98010034

Philippines: +(63) 2-395-3308, 1-800-1-116-1020\*

Singapore: +(65)-31581349, 800-101-2201\*



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South Korea: +(82) 070-7686-0086, 00-308-13-2549\*

Taiwan: +886-2-7741-4207\*, 00801-14-8954\*

Thailand: 001-800-13-203-9987\*

Vietnam: +(84)-444581938

\* Phone numbers for countries marked with an asterisk must be dialed within the country

SDS Requests and general information, please contact Local Customer Service: See phone numbers in Section 16

## 2. Hazard(s) identification

### Classification of the chemical in accordance with paragraph (d) of §1910.1200

**GHS Classification:** Not classified by GHS criteria

### Label elements, including precautionary statements:

**GHS Hazard Symbols:** No hazard symbols required

**Signal Word:** No signal word needed.

**Hazard Statements:** No Hazard Statement needed.

**Prevention:** No Precautionary Statement needed.

**Hazards not otherwise classified:** None known.

## 3. Composition/information on ingredients

Chemical Name	CAS #	%
This product is not classified as hazardous		

## 4. First-aid measures

### Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion

**Inhalation:** Remove to fresh air. Get medical attention if irritation persists.

**Eye Contact:** If symptoms develop, obtain medical attention. Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart.

**Skin Contact:** Wash skin with soap and water.

**Ingestion:** None required.

**Indication of immediate medical attention and special treatment needed, if necessary:**

None known.

**Most important symptoms/effects, acute and delayed:**

Possible physical irritant from dust particles. Potential for dust explosion.

## 5. Fire-fighting measures

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**Suitable extinguishing media:**

Dry Chemical, CO<sub>2</sub>, Water Fog, Foam

**Unsuitable extinguishing media:**

None known.

**Specific hazards arising from the chemical:**

Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.

**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 fire-fighters:**

No special procedures are required.

## 6. Accidental release measures

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

Use personal protective equipment as required.

**Environmental precautions:**

No data available

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

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.

## 7. Handling and storage

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**Precautions for safe handling:**

Normal precautions for handling chemicals are applicable.

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

**Safe storage conditions:**

**Special Sensitivity:**

Not available

**Sensitivity to Static Electricity:**

Yes

**Other Precautions:**

Use care to minimize dust generation in normal use conditions.

Avoid dispersing the powder in the air. Prevent buildup of powder on surfaces.

**Materials to Avoid/Chemical Incompatibility:**

No data available

## 8. Exposure controls/personal protection

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**Control parameters – exposure standards, biological monitoring:**

Chemical component	New Zealand - Occupational Exposure Limits - TWAs	ACGIH STEL	New Zealand - Occupational Exposure Limits - Ceilings	New Zealand - Occupational Exposure Limits - Biological Exposure Limits
Not listed.				

**Appropriate engineering controls:** No data available  
**Individual protection measures, such as personal protective equipment:**  
**Eye protection:** Safety glasses recommended.  
**Skin protection:** Uniforms, coveralls, or a lab coat should be worn.  
**Gloves:** No data available  
**Respiratory Protection:** No data available  
**Respirator Type(s):** NIOSH approved dust mask.  
**Thermal Hazards:** Not available

**9. Physical and chemical properties**

**Appearance (physical state, color etc.):**  
**Physical state:** Powder.  
**Color:** Off-white  
**Odor:** Starch  
**Odor Threshold:** Not available  
**pH:** Not available  
**pH in (1%) Solution:** Approximately 6  
**Melting point/freezing point (°C):**  
**Melting Point (°C):** Not available  
**Freezing point (°C):** No data available  
**Initial boiling point and boiling range (°C):** No data available  
**Flash Point (°C):** No data available  
**Flash Point Method:** Not available  
**Evaporation Rate:** Not applicable  
**Flammability (solid, gas):** Not available  
**Upper/lower flammability or explosive limits:**  
**Upper flammability or explosive limits:** Not available  
**Lower flammability or explosive limits:** Not available

Vapor pressure:	No data available
Vapor density:	Not available
Relative density:	1.5000000
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature (°C):	No data available
Decomposition temperature (°C):	Not available
Viscosity:	Not available
VOC (as applied*- 2% by wt hardener-less exempts and water):	NAP or
Bulk Density:	Not available

## 10. Stability and reactivity

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Reactivity:	Not expected to be reactive
Chemical stability:	Stable
Conditions to avoid (e.g., static discharge, shock, or vibration):	None known.
Incompatible materials:	No data available
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Hazardous decomposition products:	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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Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	No data available
Symptoms related to the physical, chemical and toxicological characteristics:	No data available

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

Acute toxicity:	
Ingestion Toxicity:	None known.
Inhalation Toxicity:	No data available
Skin corrosion/irritation:	Based on available data, the GHS classification criteria are not met. Unlikely to cause harmful effects under recommended conditions of handling and use. Low order of toxicity.
Serious eye damage/irritation:	Based on available data, the GHS classification criteria are not met.
Respiratory or skin sensitisation:	None known.

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**Germ cell mutagenicity:** Based on available data, the GHS classification criteria are not met.  
**Carcinogenicity:** Based on available data, the GHS classification criteria are not met.  
**Reproductive and Developmental Toxicity:** Based on available data, the GHS classification criteria are not met.  
**STOT-single exposure:** Based on available data, the GHS classification criteria are not met.  
**STOT-repeated exposure:** Based on available data, the GHS classification criteria are not met.  
**Aspiration hazard:** Based on available data, the GHS classification criteria are not met.

## Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available			

## 12. Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):** No data available

### Ecological Toxicity Data:

Chemical Name	CAS #	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:** Unknown  
**Other adverse effects (such as hazardous to the ozone layer):** None known.

## 13. Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:** Disposal should be in accordance with local, state or national legislation.  
**Disposal of any contaminated packaging:** Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.  
**Empty Container Warnings:** Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

## 14. Transport information

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### Carriage of dangerous goods by road (DOT), rail or inland waterways:

UN number: No data available  
 UN Proper shipping name: Not applicable  
 Transport hazard class(es): Not Applicable  
 Packing group, if applicable: Not applicable

### International carriage of dangerous goods by sea (IMDG/IMO):

UN number: No data available  
 UN Proper shipping name: Not applicable  
 Transport hazard class(es): Not applicable  
 Packing group, if applicable: Not applicable

### International carriage of dangerous goods by air (IATA):

UN number: No data available  
 UN Proper shipping name: Not applicable  
 Transport hazard class(es): Not applicable  
 Packing group, if applicable: Not applicable

Environmental hazards (e.g., Marine pollutant (Yes/No)): Not available

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: Consult IMO regulations before transporting in bulk by ocean.

HAZCHEM Code: No data available

## 15. Regulatory information

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### Safety, health and environmental regulations specific for the product in question:

TSCA This material is not on the TSCA Inventory. It is excluded under the Food, Drug, and Cosmetic Act.

FDA 21CFR 170.30

HSNO approval number	None known
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### New Zealand Inventory of Chemicals (NZIoC):

Chemical Name	CAS Number	New Zealand Inventory of Chemicals (NZIoC)
No data available		

**New Zealand - Priority List of Hazardous Substances:**

Chemical Name	CAS Number	New Zealand - Priority List of Hazardous Substances
No data available		

**New Zealand - HSNO - Toxic Substances:**

Chemical Name	CAS Number	New Zealand - HSNO - Toxic Substances
No data available		

**New Zealand - HSNO - Hazardous Gases - Control Codes:**

Chemical Name	CAS Number	New Zealand - HSNO - Hazardous Gases - Control Codes
No data available		

**New Zealand - HSNO - Class 3, 4 and 5 Dangerous Goods - Control Codes:**

Chemical Name	CAS Number	New Zealand - HSNO - Class 3, 4 and 5 Dangerous Goods - Control Codes
No data available		

**16. Other information, including date of preparation or last revision.**

<b>Revision Date:</b>	31-07-2021
<b>Supercedes:</b>	27-05-2020
<b>Revision Number:</b>	4
<b>Reason for revision:</b>	New
<b>FOR INFORMATION CONTACT::</b>	New Zealand: Ingredion ANZ Pty Ltd Customer Service : +64-9-5820284 (Business Hours)
<b>Abbreviations and acronyms:</b>	CAS = Chemical Abstract Service DNEL= Derivative No Effect Level EC= European Community EINECS = European Inventory of Existing Chemical Substances





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MSHA = Mine Safety Health Administration  
NIOSH = National Institute of Occupational Safety & Health  
OEL = Occupational Exposure Limit  
PBT= Persistent, Bioaccumulative, Toxic  
PNEC= Predicted No Effect Concentration  
SCOEL= Scientific Committee on Occupational Exposure Limits  
TLV = Threshold Limit Value  
TWA= Time Weighted Average  
vPvB= Very Persistent, Very Bioaccumulative  
Wt.% = Weight Percent

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