

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Carbopol Polymer (Ultrez 20)
Synonyms	:	Acrylic Polymer (Ultrez 20)
INCI name	:	Acrylates/C10-30 Alkyl Acrylate Crosspolymer
Country of Origin	:	USA
Product use	:	Thickening - Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Serious eye damage/eye irritation - Category 2A

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

H319 Causes serious eye irritation.

### Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P264 Wash SKIN thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337+P313 If eye irritation persists get medical advice/attention.

P501 Dispose of contents/container according to local regulations.

### Other Info

OHNC - Combustible Dust; May form combustible dust concentrations in air.

### 3. COMPOSITION / INFORMATION INGREDIENTS

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Product Name	CAS NO	EC NO	Concentration
Carbopol Polymer	-	-	100%

### 4. FIRST AID MEASURES

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#### Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

#### Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

#### Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

#### Ingestion

Seek medical attention or contact local poison control center.

### 5. FIRE FIGHTING MEASURES

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#### Suitable extinguishing media

Water fog, dry chemical, carbon dioxide.

#### Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

#### Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

#### Resulting gases

Carbon oxides.

### 6. ACCIDENTAL RELEASE MEASURES

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#### Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

#### Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

#### Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

### 7. HANDLING AND STORAGE

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#### Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

#### Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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## Eyes

Use tightly sealed goggles.

## Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

## Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	White fluffy powder.
Odor	:	Slight acrylic.
pH	:	2.5 - 3.0 (1% water)
Relative density	:	1.4 @ 20 deg C
Solubility (ies)	:	Material will swell in water.

## 10. STABILITY AND REACTIVITY

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### Reactivity

This material presents no significant reactivity hazard.

### Chemical stability

Chemically stable.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

Not available.

### Incompatible materials

Amines, Ammonia, Sodium Hydroxide

### Hazardous decomposition products

Aldehydes, Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

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### Signs & symptoms of exposure

Pre-existing skin disorders may be aggravated by this material. Pre-existing respiratory disease may be aggravated by this material.

### Teratogenicity

Not available.

### Mutagenicity

Not available.

### Inhalation

May cause irritation of nose, throat or respiratory tract. Avoid inhalation.

### Skin contact

May cause mild irritation.

Adverse skin effects should be prevented by normal care and personal hygiene.

### Eye contact

May cause irritation (tears, blurred vision and redness) Avoid eye contact.

### Ingestion

Do not ingest.

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

(LC50) - rainbow trout: 5.6 mg/L & 7.5 mg/L  
EC50 (daphnia magna) 2 - 10 mg/L  
EC50 (alga) 2 - 10 mg/L  
EC50 (pseudomonas putida) >100 mg/L

### Persistence and degradability

Readily Biodegradable.

### Bio - accumulative potential

Not available.

### Mobility in soil

Not available.

### Other adverse effects

Not available.

## 13. DISPOSAL CONSIDERATION

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

## 14. TRANSPORT INFORMATION

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### US DOT Shipping Description (Land)

Not regulated

### IMO-IMDG Shipping Description (Sea)

Not regulated

### IATA Shipping Description (Air)

Not regulated

## 15. REGULATORY INFORMATION

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### California Proposition 65

- This product can expose you to Formaldehyde, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).
- This product can expose you to Acetaldehyde, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).
- This product can expose you to Lead, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).
- This product can expose you to Arsenic, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 16. OTHER INFORMATION

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## Disclaimer & Caution

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