



# NEW DIRECTIONS AROMATICS

## MATERIAL SAFETY DATA SHEET

### SECTION: 1.1 PRODUCT IDENTIFICATION

**Product Name:** Carbopol Polymer  
**Botanical Name:** n/a  
**Synonyms:** Acrylic Polymer (Ultrez 20)  
**INCI Name:** Acrylates/C10-30 Alkyl Acrylate Crosspolymer  
**Product Use:** Thickener  
**Country of Origin:** Canada

### SECTION: 1.2 COMPANY IDENTIFICATION

**Company:** New Directions Aromatics Inc.  
**Address:** 6781-Columbus Road, Mississauga. L5T 2G9 Canada  
**Telephone No:** 905-362-1915  
**FAX:** 905-362-1926

**24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC**

### SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

**General Chemical description:** Polymer

Hazardous Component	CAS Number	EINECS Number	Proportions [%w/w]
Ethoxylated Alcohol	Not allotted	Not allotted	1 – 4.9

### SECTION: 3. HAZARDS IDENTIFICATION

**Potential Health Acute Effects:**

**Inhalation:** May cause respiratory irritation.  
**Skin Contact:** May causes mild irritation.  
**Eye Contact:** Causes serious eye irritation.  
**Ingestion:** May be harmful if swallowed.

**Potential Chronic Health Effects:** None known

### SECTION: 4. FIRST AID MEASURES

**Eye Contact:** Contact with eyes can produce burning sensation. Irrigate with water immediately; continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

**Inhalation:** Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of over exposure are dizziness and nausea.

**Ingestion:** Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is convulsing.

**Skin Contact:** Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing. Wash plenty of water. Seek medical attention if irritation persists.

### SECTION: 5. FIRE FIGHTING MEASURES

**Flammable Limits:** N/A  
**Extinguishing media:** Water Spray, Carbon Dioxide, dry chemical or foam.  
DO NOT USE direct water jet on burning material.  
**Special Procedures:** Determine the need to evacuate or isolate the area according to your



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local emergency plan.

- Sensitivity to Static Discharge:** Dust suspended in air in critical proportion and in the presence of an ignition source may cause explosion.
- Protective Equipment:** Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving oils or chemicals.
- Combustion Product:** Carbon Monoxide, Carbon Dioxide

#### SECTION: 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
- Safety Precautions:** Avoid creating dust.
- Environmental Precautions:** Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
- Methods For Cleaning Up:** Pick up spilled material and containerize for recovery or disposal.

#### SECTION: 7. HANDLING AND STORAGE

**Handling:**  
Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

**Storage:**  
Containers should be kept closed in order to minimize contamination. Store in sealed original container. Make sure the material does not come into contact with substances listed as: "Materials to Avoid".

#### SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Eyes Protection:** The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended.
- Respiratory Protection:** In well-ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).
- Protective Gloves:** Using chemical resistant gloves is recommended.
- Protective Clothing:** Using chemical resistant clothing is recommended.
- Protective Equipment:** An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

#### SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** White Fluffy powder
- Odor:** Mild. Acrylic.
- % Volatile:** < 0.5.
- Specific Gravity :** 1.4 @ 20 °C
- Bulk Density:** < 24 kg/L
- pH** 2.5 – 3.5. 1 % water



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<b>Solubility in Water:</b>	Appreciable
<b>Melting Point:</b>	Not Available
<b>Boiling Point:</b>	Not Available
<b>Vapor Pressure</b>	Not Available

#### SECTION: 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Chemically stable, non hazardous material. This material presents no significant reactivity hazard.
<b>Conditions to Avoid:</b>	Avoid generating dust. Avoid heat and any source of ignition.
<b>Materials to Avoid:</b>	Amines Ammonia, Bases, Sodium Hydroxide.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Combustion or Decomposition Products:</b>	Carbon monoxide, carbon dioxide and various hydrocarbons.

#### SECTION: 11. TOXICOLOGICAL INFORMATION

<b>Toxic effects:</b>	Irritant in case of eye contact.
<b>Chronic effects:</b>	No data is currently available.
<b>Carcinogenicity:</b>	No evidence of carcinogenic effects according to ACGIH or IARC.
<b>Teratogenicity:</b>	No evidence of teratogen effects.
<b>Mutagenicity:</b>	No evidence of mutagenic effects.
<b>Reproductive effects:</b>	No evidence of reproductive effects.

#### SECTION: 12. ECOLOGICAL INFORMATION

<b>Eco toxicity Data:</b>	Not available.
<b>Product of Degradation:</b>	No specific information is available in our database regarding the Degradation of this product. Our database contains no additional remark on the biodegradation of this product.

#### SECTION: 13. DISPOSAL CONSIDERATION

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance.

#### SECTION: 14. TRANSPORT INFORMATION

<b>TDG Classification:</b>	Not regulated under TDG (Canada).
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#### SECTION: 15. REGULATORY INFORMATION

<b>DSL Inventory Status:</b>	This product or all of its components are currently listed on the Domestic Substance List (DSL).
<b>WHMIS hazard class:</b>	D.2.B Material causing other toxic effects – Toxic Material.
<b>NFPA Rating (US):</b>	Health: 2
	Flammability: 1
	Reactivity: 0

#### SECTION: 16. OTHER INFORMATION



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**Revision Date: January 17, 2012**

<b>SECTION: 17. DISCLAIMER</b>
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### CERTIFICATE OF ANALYSIS

**Product:** Carbopol Polymer (Ultrez 20)  
**Lot No.:** 16071-A02, A02-1  
**Best before:** Feb, 2013

<u>Property</u>	<u>Specification</u>	<u>Result</u>
<b>Appearance:</b>	White Fluffy Powder	Complies
<b>Odor:</b>	Mild Acrylic	Complies
<b>Wetting Time:</b>	< 10 min.	5 min.
<b>Clarity, % transmittance:</b>	90 - 100	96.2
<b>Residual Solvent:</b>	< 0.45%	0.23%
<b>Ethyl Acetate:</b>	< 0.45%	0.22%
<b>Cyclohexane:</b>	< 0.45%	0.01%

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