



# NEW DIRECTIONS AROMATICS

## MATERIAL SAFETY DATA SHEET

### SECTION: 1.1 PRODUCT IDENTIFICATION

**Product Name:** Emerald Lab Color  
**Synonyms:** N/A  
**INCI Name:** Water, Green 5, Yellow 5, Phenoxyethanol (and) Caprylyl Glycol  
**CAS #:** Mixture  
**Country of Origin:** USA

### SECTION: 1.2 COMPANY IDENTIFICATION

**Company:** New Direction 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

| Hazardous Component | CAS Number | CI Number | Proportions [%w/w] |
|---------------------|------------|-----------|--------------------|
| Green 5             | 4403-90-1  | 61570     | >35.0              |
| Yellow 5            | 1934-21.0  | 19140     | >15.0              |
| Phenoxyethanol      | 122-99-6   |           | 0.5                |
| Caprylyl Glycol     | 1117-86-8  |           | 0.5                |

The manufacturer does not anticipate any harmful effects from this product providing good manufacturing practices are followed.

### SECTION: 3. HAZARDS IDENTIFICATION

**Routes of Entry:** Eyes, inhalation and ingestion.

### SECTION: 4. FIRST AID MEASURES

**Eye Contact:** 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.

**Ingestion:** Rinse mouth; dilute with milk or water and consult a physician immediately.

**Skin Contact:** Wash with soap and plenty of water. Seek medical attention if irritation persists.



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#### SECTION: 5. FIRE FIGHTING MEASURES

|                                      |  |
|--------------------------------------|--|
| <b>Flammable Limits:</b>             | N/A  |
| <b>Extinguishing media:</b>          | Use media appropriate to surrounding fire conditions.                                      |
| <b>Special Procedures:</b>           | Determine the need to evacuate or isolate the area according to your local emergency plan. |
| <b>Unusual Firefighting Hazards:</b> | None identified.   |
| <b>Protective Equipment:</b>         | Self-contained breathing apparatus and protective clothing should be worn.                 |
| <b>Combustion Product:</b>           | Carbon Monoxide, Carbon Dioxide  |

#### SECTION: 6. ACCIDENTAL RELEASE MEASURES

|                                   |   |
|-----------------------------------|---|
| <b>Personal Precautions:</b>      | Avoid contact with eyes.  |
| <b>Safety Precautions:</b>        | Use of normal precautions against spills. Evacuate or isolate the area according to your local emergency plan.  |
| <b>Environmental Precautions:</b> | Keep away from soil, drains, surface and ground water.  |
| <b>Methods For Cleaning Up:</b>   | Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with water and detergent. |

#### SECTION: 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling:</b> | 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. Materials may be slippery when wet. |
| <b>Storage:</b>  | Containers should be kept closed in order to minimize contamination. Store in a cool, dry place. Make sure the material does not come into contact with substances listed as: "Materials to Avoid".   |

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

|                                |  |
|--------------------------------|--|
| <b>Eyes Protection:</b>        | 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. |
| <b>Respiratory Protection:</b> | In well-ventilated areas, respiratory protection is not normally required. Mist is a respiratory irritant at high concentrations.  |
| <b>Protective Gloves:</b>      | Using chemical resistant gloves is recommended.  |
| <b>Protective Clothing:</b>    | Using chemical resistant clothing is recommended.  |



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**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:** Pigmented, sticky liquid  
**Weight per Gallon:** 7.00  
**Refractive Index:** Not Available  
**Solubility:** Soluble in water  
**Boiling Point:** 100 deg. C  
**Vapor Pressure:** Not Available  
**Vapor Density (air= 1):** Not applicable  
**Evaporation Rate:** 40 g/m<sup>2</sup>/hr

#### SECTION: 10. STABILITY AND REACTIVITY

**Stability:** Chemically stable, non-hazardous material. This material presents no significant reactivity hazard.  
**Conditions to Avoid:** Mist is a respiratory irritant at high concentrations.  
**Materials to Avoid:** None known.  
**Flammability:** Not applicable.  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Combustion or Decomposition Products:** None known.

#### SECTION: 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Inhalation of high concentrations of vapor may result in irritation of respiratory system.  
**Skin Contact:** Exposure to unprotected skin areas may cause temporary staining. Adverse skin effects should be prevented by normal care and personal hygiene.  
**Eye Contact:** May irritate eyes.  
**Ingestion:** Do not ingest.  
**Medical Conditions Aggravated by Exposure:** None known other than those which would be aggravated by mist exposure such as respiratory impairment.  
**Chronic Toxicity:** None known.  
**Carcinogenicity Data:** None of the components of this material are listed as a carcinogen.  
**Reproductive Toxicity:** No adverse effects on reproduction are known.  
**Acute Toxicity Values:** No data is currently available



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### SECTION: 12. ECOLOGICAL INFORMATION

The ecological effects of this product have not been evaluated.

### SECTION: 13. DISPOSAL CONSIDERATION

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

### SECTION: 14. TRANSPORT INFORMATION

|                                     |                             |
|-------------------------------------|-----------------------------|
| <b>US DOT Shipping Description:</b> | Check appropriate authority |
| <b>IATA Shipping (Air):</b>         | Check appropriate authority |
| <b>IMDG Shipping Description:</b>   | Check appropriate authority |

### SECTION: 15. REGULATORY INFORMATION

|  |  |
|--|--|
| <b>WHMIS (Canada):</b>                         | N/A  |
| <b>HMIS (USA):</b>                             | Health Hazard – 1 Fire Hazard – 0 Reactivity – 0   |
| <b>EPA Toxic Substance Control Act (TSCA):</b> | All components are listed on TSCA Inventory or exempted from TSCA.                                     |
| <b>SARA 302/ SARA 313:</b>                     | None   |
| <b>California Proposition 65:</b>              | This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986. |

### SECTION: 16. OTHER INFORMATION

**Revision Date:** September 19, 2011.

### SECTION: 17. DISCLAIMER

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# NEW DIRECTIONS AROMATICS

## CERTIFICATE OF ANALYSIS

**Product:** Emerald Lab Color  
**Lot No.:** 36015-A25/B25  
**Manufacturing Date:** June 2011  
**Best before:** June 2012

| <u>Property</u> | <u>Specification</u>     | <u>Result</u> |
|-----------------|--------------------------|---------------|
| Appearance:     | Pigmented liquid, sticky | Complies      |
| Solubility:     | Soluble in water.        | Complies      |
| Boiling Point:  | 100 deg. C               | Complies      |

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## CERTIFICATE OF ANALYSIS

**Product:** Emerald Lab Color  
**Lot No.:** 36015-A26/B26  
**Manufacturing Date:** September 2011  
**Best before:** September 2012

| <u>Property</u> | <u>Specification</u>     | <u>Result</u> |
|-----------------|--------------------------|---------------|
| Appearance:     | Pigmented liquid, sticky | Complies      |
| Solubility:     | Soluble in water.        | Complies      |
| Boiling Point:  | 100 deg. C               | Complies      |

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