



# NEW DIRECTIONS AROMATICS

## MATERIAL SAFETY DATA SHEET

### SECTION: 1.1 PRODUCT IDENTIFICATION

**Product Name:** Cinnamon Lip Balm Flavor Oil  
**Chemical Family:** Chemical Mixture  
**Synonyms:** Complex Flavour Mixture  
**Product Use** Flavouring  
**WHMIS** N/A  
**CAS #:** N/A  
**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

Chemical Name	CAS No.	TLV ppm	[%w/w]	LC50 ppm	LD50 g/kg
Fragrance Esters	N/A	N/A		N/A	N/A

### SECTION: 3. HAZARDS IDENTIFICATION

Routes of Entry: Skin contact, inhalation, eye contact, ingestion

Acute Health Hazards

**Skin:** May cause mild eczema or allergic erythema if safety precautions are not followed.  
**Eye:** Mild to severe corneal irritation and conjunctivitis will occur if precautions are not followed.  
**Inhalation:** Exposure could cause slight lung and/or mucous membrane irritation. No adverse effects are expected if proper ventilation is used.  
**Ingestion:** Acute or chronic ingestion should not occur. Accute ingestion could result in abdominal pain, nausea, vomiting and diarrhea.

Chronic Health Hazards:

**Skin:** May result in moderate edema, erythema and possible allergic dermatitis.  
**Eye:** Increase the risk of corneal and conjunctive injury.  
**Inhalation:** Increase the risk of possible lung/mucous membrane irritation.  
**Ingestion:** Severe adverse effects such as gastritis, kidney and liver damage, lung irritation and potential pulmonary edema and hemorrhaging may occur.  
**Signs and Symptoms of Exposure:** Irritation of the respiratory system, eyes and skin. Abdominal pain, nausea, vomiting and diarrhea when large quantities are ingested.  
**Medical Conditions Aggravated by Exposure:** 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.  
**Ingestion:** Rinse mouth with 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.



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

#### **SECTION: 5. FIRE FIGHTING MEASURES**

**Flammable Limits:** This item is not combustible under WHMIS regulations but store sealed and away from all heat and ignition sources.

**Extinguishing media:** 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 local emergency plan.

**Unusual Firefighting Hazards:** None identified.

**Protective Equipment:** Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

**Combustion Product:** Carbon Monoxide, Carbon Dioxide

#### **SECTION: 6. ACCIDENTAL RELEASE MEASURES**

**Safety Precautions:** Eliminate all ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.

**Environmental Precautions:** Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.

**Methods For Cleaning Up:** 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 hot water and detergent.

#### **SECTION: 7. HANDLING AND STORAGE**

**Handling:** Avoid inhalation and contact with skin and eyes. Contaminated clothing and shoes should be cleaned before re-use.

**Storage:** Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep from extreme heat and from freezing conditions and away from all sources of ignition.

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

**Eyes Protection:** The use of safety glasses is recommended in industrial applications.

**Respiratory Protection:** In well-ventilated areas, respiratory protection is not normally required.

**Protective Gloves:** Using chemical resistant gloves is recommended for industrial use.

**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:** Clear liquid

**Odor:** Characteristic aroma

**Specific Gravity:** 1.099 ± 0.025 @ 20°C

**Refractive Index:** 1.564 ± 0.025 @ 20°C

**Solubility:** Insoluble in water

**pH:** Not Available

**Flash Point:** >93°C [Closed Cup]



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<b>Melting Point:</b>	Not Available
<b>Boiling Point:</b>	Not Available
<b>Vapor Pressure</b>	Not Available
<b>Vapor Density (air= 1):</b>	>1

#### **SECTION: 10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Chemically stable, non hazardous material. Will not react violently with water. This material presents no significant reactivity hazard.
<b>Conditions to Avoid:</b>	Avoid sparks, flame and excessive heat.
<b>Materials to Avoid:</b>	Strong oxidizing agents and acids.
<b>Flammability:</b>	Combustible liquid.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Combustion or Decomposition Products:</b>	None known.

#### **SECTION: 11. TOXICOLOGICAL INFORMATION**

<b>Inhalation:</b>	Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.
<b>Skin Contact:</b>	May cause mild eczema or allergic erythema if safety precautions are not followed. Adverse skin effects should be prevented by normal care and personal hygiene.
<b>Eye Contact:</b>	May irritate eyes.
<b>Ingestion:</b>	Acute or chronic ingestion should not occur. Accute ingestion could result in abdominal pain, nausea, vomiting and diarrhea.
<b>Medical Conditions Aggravated by Exposure:</b>	May aggravate dermatitis, psoriasis and other skin conditions.
<b>Chronic Toxicity:</b>	No known sensitizers are used.
<b>Carcinogenicity Data:</b>	None of the components of this material are listed as a carcinogen.
<b>Reproductive Toxicity:</b>	No adverse effects on reproduction are known.
<b>Acute Toxicity Values:</b>	N/A

#### **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 insure compliance.

#### **SECTION: 14. TRANSPORT INFORMATION**

<b>US DOT Shipping Description:</b>	Not available.
<b>IATA Shipping (Air):</b>	Not available.
<b>IMDG Shipping Description:</b>	Not available.

#### **SECTION: 15. REGULATORY INFORMATION**

<b>WHMIS (Canada):</b>	Class B3 – Combustible liquid with flash point greater than 93.3°C (200°F).
<b>HMIS (USA):</b>	Health Hazard – 0 Fire Hazard – 1 Reactivity – 0



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### EPA Toxic Substance Control

Act (TSCA):

All components are listed on TSCA Inventory or exempted from TSCA.

SARA 302/ SARA 313:

None

California Proposition 65:

This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986.

EU Labeling:

Xi

Irritant

R36/37/38

Irritating to respiratory system, eyes, and skin.

R43

May cause sensitization by skin contact.

S24

Avoid contact with skin.

S26

In case of contact with eyes, rinse immediately with water and seek medical advice

S28

After contact with skin, wash immediately with plenty of soap and water.

HMIS Rating:

Health:

0

Flammability:

1

Reactivity:

0

### SECTION: 16. OTHER INFORMATION

Revision Date: January 20, 2012

### SECTION: 17. DISCLAIMER

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# NEW DIRECTIONS AROMATICS

## CERTIFICATE OF ANALYSIS

**Product:** Cinnamon Lip Balm Flavour  
**Lot No.:** 32108-A04-1  
**Retest Date:** August 2011  
**Best before:** April 2012

<u>Property</u>	<u>Specification</u>	<u>Result</u>
<b>Appearance:</b>	Clear liquid., Light to medium Amber color	Complies
<b>Odor:</b>	Characteristic Cinnamon odor.	Complies
<b>Solubility:</b>	Insoluble in water.	Complies
<b>Specific Gravity:</b>	0.884 ± 0.025 @ 20°C	0.884
<b>Refractive Index:</b>	1.466 ± 0.025 @ 20°C	1.466

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# NEW DIRECTIONS AROMATICS

## CERTIFICATE OF ANALYSIS

**Product:** Cinnamon Lip Balm Flavour  
**Lot No.:** 32108-A05  
**Retest Date:** August 2011  
**Best before:** May 2012

<u>Property</u>	<u>Specification</u>	<u>Result</u>
<b>Appearance:</b>	Clear liquid., Light to medium Amber color	Complies
<b>Odor:</b>	Characteristic Cinnamon odor.	Complies
<b>Solubility:</b>	Insoluble in water.	Complies
<b>Specific Gravity:</b>	0.884 ± 0.025 @ 20°C	0.884
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