

## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product name	:	Caramel Nature Tint
Country of Origin	:	USA
Product use	:	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

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GHS Label elements, including precautionary statements

Signal: Not applicable

### Hazard statement(s)

Not applicable.

### Precautionary statement(s)

Not applicable.

## 3. COMPOSITION / INFORMATION INGREDIENTS

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Product Name	CAS NO	EC NO	Concentration
4-MEI	822-36-6	212-497-3	< 0.5 %
Furfuryl Alcohol	98-00-0	202-626-1	< 0.5 %

NOTE: Components listed above are within the meaning of 29 CFR 1910.1200 and related classification.

## 4. FIRST AID MEASURES

### 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 spray, water jet, foam, dry powder, carbon dioxide.  
Use media appropriate to surrounding fire conditions.

### **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. Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

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

Hazardous decomposition products may be formed at extreme heat or if burned. Burning produces heavy smoke. Do not inhale explosion and combustion gases.

## 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**

Store the product in a closed container between 50°F and 120°F. Do not refrigerate or freeze as the product may separate irreparably. Product should be stored in a tightly closed container to prevent evaporation. Shake before use, as this product may settle in storage.

## 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**

Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust.

### **Ingestion**

Not for ingestion.

### **Exposure limit values**

Furfuryl Alcohol:  
ACGIH - Long Term ppm: 15  
ACGIH - Short Term ppm: 10  
OSHA - Long Term ppm: 50

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance : Caramel liquid.  
pH : 3.0  
Flash point : > 100 ° C  
Solubility (ies) : Soluble 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

Avoid sparks, flame and other heat sources.

### Incompatible materials

Avoid strong oxidizing agents, peroxides, acids, alkali metals.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

4-MEI:

LD50 Oral Rat = 751mg/kg

LD50 Skin Rabbit = 440mg/kg

Furfuryl Alcohol:

LD50 Oral Rat = 177mg/kg

LD50 Skin Rat = 3825mg/kg

LD50 Skin Rabbit = 400mg/kg

LC50 Inhalation Rat = 233Ppm 4h

### IARC

Substance(s) listed on the IARC Monographs:

4-MEI: Group 2B

Furfuryl alcohol: Group 2A

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

Avoid any pollution of ground, surface or underground water.

### Persistence and degradability

Not available.

### 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. Do not dump into sewers, any body of water or onto the ground.

## 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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### TSCA

All the components are listed on the TSCA inventory.

### SARA 302

No substances listed.

### SARA 304

No substances listed.

### SARA 313

No substances listed.

### California Proposition 65

This product contains components which are listed under California Proposition 65. Contains: 4-METHYLIMIDAZOLE (4-MEI) and FURFURYL ALCOHOL.

### GHS Hazard Statements

Not available.

### GHS Precautionary Statements

Not available

## 16. OTHER INFORMATION

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### Disclaimer & Caution

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