

1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|------------------------|---|--|
| Product name | : | Cinnamon Bun Fragrance Oil |
| Country of Origin | : | USA |
| Product use | : | Fragrance |
| 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

Skin Sensitization - Category 1

Germ cell mutagenicity - Category 2

Carcinogenicity - Category 1B

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

| | |
|------|--------------------------------------|
| H227 | Combustible liquid |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H332 | Harmful if inhaled |
| H341 | Suspected of causing genetic defects |
| H350 | May cause cancer |

Precautionary statement(s)

| | |
|------|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P261 | Avoid breathing dust/fumes/gas/mist/vapours/spray. |

| | |
|-----------|--|
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P308+P313 | If exposed: Call a POISON CENTER or doctor/physician. |
| P321 | Specific treatment (see ... on this label). |
| P333+P313 | If skin irritation or a rash occurs: Get medical advice/attention. |
| P337+P313 | If eye irritation persists get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container according to local regulations. |

3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name | CAS NO | EC NO | Concentration |
|------------------------|-----------|-------|---------------|
| DIOCTYL ADIPATE | 103-23-1 | - | ≥ 50 % |
| α-Methylcinnamaldehyde | 104-55-2 | - | 5 - 10 % |
| BENZYL BENZOATE | 120-51-4 | - | 1 - 5% |
| Cinnamonnitrile | 4360-47-8 | - | 1 - 5% |
| ETHYL VANILLIN | 121-32-4 | - | 1 - 5% |
| CINNAMIC ALDEHYDE | 104-55-2 | - | 1 - 5% |
| CINNAMON LEAF OIL | 8015-91-6 | - | 1 - 5% |
| EUGENOL | 97-53-0 | - | 1 - 5% |
| CINNAMALDEHYDE | 104-55-2 | - | 1 - 5% |
| VANILLIN | 121-33-5 | - | 1 - 5% |

NOTE:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

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

Do not induce vomiting. Seek medical attention if irritation occurs.

5. FIRE FIGHTING MEASURES

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Special hazards arising from the substance or its combustible products

The product is non-reactive under normal conditions of use, storage and transport.

6. ACCIDENTAL RELEASE MEASURES

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

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 in a well ventilated place. Keep cool.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

May cause irritation. Use tightly sealed goggles.

Skin

May cause irritation. Protective clothing and gloves should be worn.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|------------------|---|-------------------------------|
| Appearance | : | Pale yellow to yellow liquid. |
| Odor | : | Characteristic odor. |
| Flash point | : | 125°C |
| Relative density | : | 0.94 - 0.96 @ 20 °C |
| Solubility (ies) | : | Insoluble in water. |
| Refractive index | : | 1.461 - 1.481 |

10. STABILITY AND REACTIVITY

Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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

No additional information available.

Hazardous decomposition products

Under normal conditions of use and storage, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

ETHYL VANILLIN NF:

ATE US (oral) - 3000 mg/kg body weight

VANILLIN:

LD50 oral - 2800 mg/kg (Rat)

LD50 dermal: > 5010 mg/kg (Rabbit)

CINNAMIC ALDEHYDE:

LD50 oral: 2220 mg/kg (Rat)

LD50 dermal: > 2000 mg/kg (Rabbit)

EUGENOL:

LD50 oral: 2680 mg/kg (Rat)

Chronic toxicity

May cause allergic reactions on skin.

Skin contact

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

Eye contact

Possible irritation should be prevented by wearing safety glasses.

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Persistence and degradability

Inherently biodegradable.

Bio - accumulative potential

Low potential for bioaccumulation (Log Kow < 4).

Mobility in soil

Not available.

Other adverse effects

Do not allow the material to enter streams, sewers or other waterway.

13. DISPOSAL CONSIDERATION

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

14. TRANSPORT INFORMATION

UN Number

Not regulated.

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

DSL / NDSL

Listed.

TSCA

All products are listed on the United States TSCA inventory.

California Proposition 65

- This product can expose you to safrole, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
- This product can expose you to beta myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : November 09, 2022

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario, Canada.