

**1. PRODUCT AND COMPANY IDENTIFICATION**

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Product name	:	Honey Fragrance Oil
Country of Origin	:	Canada
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**

Acute Toxicity - Oral - Category 4

Serious eye damage/eye irritation - Category 2A

Hazardous to the aquatic environment - Acute Hazard - Category 3

**GHS Label elements, including precautionary statements**

Signal: Warning

**Hazard statement(s)**

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H402	Harmful to aquatic life.

**Precautionary statement(s)**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301	IF SWALLOWED: Immediately call a POISON center or doctor/physician.

P302	IF ON SKIN: Wash with plenty of soap and water.
P402	Store in a dry place.
P501	Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Benzyl Benzoate	120-51-4	-	> = 50 %
Coumarin	91-64-5	-	< 5 %
Veltol Plus	4940-11-8	-	< 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**

Seek medical attention or contact local poison control center.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

**Unsuitable extinguishing media**

Water spray, water jet.

**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.

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

Hazardous decomposition products may be formed at extreme heat or if burned.

**Resulting gases**

Carbon oxides.

### 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

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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

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## 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

In case of insufficient ventilation, wear suitable respiratory equipment.

### Ingestion

Not for ingestion.

### Exposure limit values

No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Clear colorless to medium amber yellow liquid.
Odor	:	Honey-type odor.
Flash point	:	> 93 °C
Relative density	:	1.097 to 1.147 @ 20 °C
Solubility (ies)	:	Insoluble in water.
Auto-ignition temperature	:	463 °C
Refractive index	:	1.535 to 1.585 @ 20 °C

## 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

Strong oxidizing agents.

### Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

BENZYL BENZOATE (120-51-4):  
LD50 oral 1870 mg/kg (Rat)  
LD50 dermal 4400 mg/kg (Rat)  
LD50 dermal 4000 mg/kg (Rabbit)  
ATE US (oral) 1870.000 mg/kg body weight  
ATE US (dermal) 4000.000 mg/kg body weight  
VELTOL PLUS (4940-11-8):  
LD50 oral 1150 mg/kg (Rat)  
LD50 dermal > 5000 mg/kg (Rabbit)  
ATE US (oral) 1150.000 mg/kg body weight  
Coumarin (91-64-5):  
LD50 oral rat 300 - 900 mg/kg (Rat)  
ATE US (oral) 300.000 mg/kg body weight

### Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

### 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.

### Ingestion

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

Coumarin (91-64-5):  
LC50 fish 1 56 mg/l (LC50; 96 h)  
EC50 Daphnia 1 135 mg/l (EC50; 48 h)

### Persistence and degradability

BENZYL BENZOATE (120-51-4):  
Readily biodegradable in water.  
VELTOL PLUS (4940-11-8):  
Biodegradability in water: no data available.  
coumarin (91-64-5):  
Readily biodegradable in water. Photolysis in the air.

### Bio - accumulative potential

BENZYL BENZOATE (120-51-4):  
Low potential for bioaccumulation (Log Kow < 4).  
Coumarin (91-64-5):  
Low potential for bioaccumulation (BCF < 500).

### Mobility in soil

BENZYL BENZOATE (120-51-4):  
Low potential for mobility in soil.

### Other adverse effects

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

## 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.

## 14. TRANSPORT INFORMATION

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### **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

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### **TSCA**

On TSCA inventory.

### **GHS Hazard Statements**

Please See Section 2.

### **GHS Precautionary Statements**

Please See Section 2.

## 16. OTHER INFORMATION

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### **Disclaimer & Caution**

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