

**1. PRODUCT AND COMPANY IDENTIFICATION**

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Product name	:	Manchurian Dragon 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**

Flammable Liquids - Category 4

Acute toxicity - Oral - Category 4

Skin Sensitization - Category 1

**GHS Label elements, including precautionary statements**

Signal: Warning

**Hazard statement(s)**

H227	Combustible liquid.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.

**Precautionary statement(s)**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash hands, forearms and face thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P301	IF SWALLOWED: Call a POISON center or doctor/physician if you feel unwell.

P302	IF ON SKIN: Wash with plenty of soap and water.
P330	Rinse mouth.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370	In case of fire: Use Foam. Dry Powder. Carbon dioxide. DO NOT use Water spray, water jet.
P403	Store in a well ventilated place.
P405	Store locked up.
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 %
Ethyl methylphenylglycidate	77-83-8	-	1 - 5 %
Linalyl Acetate	115-95-7	-	1 - 5 %
Ethyl Maltol	4940-11-8	-	1 - 5 %
Orange Terpenes	5989-27-5	-	1 - 5 %
Allyl Cyclohexyl Propionate	2705-87-5	-	1 - 5 %
Linalool	78-70-6	-	1 - 5 %
2-Phenoxyethyl isobutyrate	103-60-6	-	1 - 5 %
$\alpha,\alpha$ -Dimethylphenethyl butyrate	10094-34-5	-	1 - 5 %
2-tert-Butylcyclohexyl acetate	88-41-5	-	1 - 5 %
Orange Terpenes	68647-72-3	-	1 - 5 %
Styrallyl Acetate	93-92-5	-	1 - 5 %
Gamma Undecalactone	104-67-6	-	1 - 5 %
Allyl Cyclohexylpropionate	2705-87-5	-	1 - 5 %
Dimethylcyclohex-3-ene-1-carbaldehyde (isomer unspecified)	27939-60-2	-	0.1 - 1 %
Beta Ionone	14901-07-6	-	0.1 - 1 %
Linalool	78-70-6	-	0.1 - 1 %
4-(p-Hydroxyphenyl)-2-butanone	5471-51-2	-	0.1 - 1 %
Ethyl 2-Methyl Butyrate	7452-79-1	-	0.1 - 1 %
2-Methylpentyl 2-methylvalerate	90397-38-9	-	0.1 - 1 %
2,2,5-Trimethyl-5-pentylcyclopentanone	65443-14-3	-	0.1 - 1 %
Beta Pinene	18172-67-3	-	0.1 - 1 %
7-acetyl-1,1,3,4,4,6-hexamethyltetralin	1506-02-1	-	0.1 - 1 %
2,4-Dimethyl-4,4a,5,9btetrahydroindeno[1,2-d]-1,3-dioxin	27606-09-3	-	0.1 - 1 %
Dioctyl Adipate	103-23-1	-	0.1 - 1 %
Ethyl Caproate	123-66-0	-	0.1 - 1 %
Allyl (cyclohexyloxy)acetate	68901-15-5	-	0.1 - 1 %
Damascone Delta	573778-68-4	-	0.1 - 1 %

NEROLIDOL	7212-44-4	-	0.1 - 1 %
DIHYDROMYRCENOL	18479-58-8	-	0.1 - 1 %
4-(p-Methoxyphenyl)-2-butanone	104-20-1	-	0.1 - 1 %
Isoeugenyl Methyl Ether	93-16-3	-	0.1 - 1 %
CIS-3-HEXENOL	928-96-1	-	0.1 - 1 %
ALLYL HEXANOATE	123-68-2	-	0.1 - 1 %
BENZYL ALCOHOL	100-51-6	-	0.1 - 1 %
Allyl $\alpha$ -ionone	79-78-7	-	0.1 - 1 %
cis-3-Hexen-1-yl acetate	3681-71-8	-	0.1 - 1 %
Methyl atrarate	4707-47-5	-	< 0.1 %
ETHYL VANILLIN	121-32-4	-	< 0.1 %
ETHYL BUTYRATE	105-54-4	-	< 0.1 %
BETA PINENE	127-91-3	-	< 0.1 %
(+)-cis-Rose oxide	4610-11-1	-	< 0.1 %
BENZALDEHYDE	100-52-7	-	< 0.1 %
DAVANA OIL	8016-03-3	-	< 0.1 %
CITRONELLOL	106-22-9	-	< 0.1 %
TRIETHYL CITRATE	77-93-0	-	< 0.1 %
cis-2-Methyl-4-propyl-1,3-oxathiane	59323-76-1	-	< 0.1 %
Rose oxide levo	3033-23-6	-	< 0.1 %
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	68039-49-6	-	< 0.1 %
ISOAMYL ACETATE	123-92-2	-	< 0.1 %
ALPHA PINENE	80-56-8	-	< 0.1 %
2-Phenoxyethyl isobutyrate	38462-22-5	-	< 0.1 %
1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one	56973-85-4	-	0.0002 - 0.001 %
Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran	16409-43-1	-	0.0002 - 0.001 %

**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

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**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**

Foam extinguisher, 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

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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**

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use. Store in a cool dry place, 15.6 - 25.6 °C away from heat, light and sources of ignition.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### **Exposure controls**

Approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.

### **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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Clear colorless to very pale yellow liquid.
Odor	:	Characteristic odor.
Flash point	:	93 °C
Relative density	:	1.056 to 1.076 @ 25 °C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.529 to 1.549 @ 20 °C

## 10. STABILITY AND REACTIVITY

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### Reactivity

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

### Chemical stability

Chemically stable under normal conditions.

### Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### Conditions to avoid

Avoid sparks, flame and other heat sources.

### Incompatible materials

Strong oxidizing agents, strong reducing agents.

### Hazardous decomposition products

Carbon monoxide, carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

Oral: Harmful if swallowed.

### Chronic toxicity

May cause allergic reactions on skin.

### Inhalation

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

### Skin contact

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

### Eye contact

Possible irritation should be prevented by wearing safety glasses.

### Skin corrosion

Causes allergic skin reaction.

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

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

### 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.

**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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**DSL / NDSL**

All products are listed on the Canadian DSL.

**TSCA**

All products are listed on the United States TSCA inventory.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

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**Disclaimer & Caution**

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