

1. PRODUCT AND COMPANY IDENTIFICATION

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

Skin Sensitization - Category 1

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H317 May cause an allergic skin reaction.

Precautionary statement(s)

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+P350	IF ON SKIN: Gently wash with plenty of soap and water.
P321	Specific treatment (see ... on this label).
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
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
Dioctyl Adipate	103-23-1	-	> = 50 %
2-Phenoxyethyl Isobutyrate	103-60-6	-	1 - 5 %
Ethyl methylphenylglycidate	77-83-8	-	1 - 5 %
Linalyl Acetate	115-95-7	-	1 - 5 %

2-tert-Butylcyclohexyl acetate	88-41-5	-	1 - 5 %
α,α -Dimethylphenethyl butyrate	10094-34-5	-	1 - 5 %
Ethyl Maltol	4940-11-8	-	1 - 5 %
Styrallyl Acetate	93-92-5	-	1 - 5 %
Orange Terpenes	68647-72-3	-	1 - 5 %
Gamma Undecalactone	104-67-6	-	1 - 5 %
7-acetyl-1,1,3,4,4,6-hexamethyltetralin	1506-02-1	-	1 - 5 %
4-(p-Hydroxyphenyl)-2-butanone	5471-51-2	-	1 - 5 %
Allyl Cyclohexylpropionate	2705-87-5	-	1 - 5 %
Beta Ionone	14901-07-6	-	1 - 5 %
DIHYDROMYRCENOL	18479-58-8	-	1 - 5%
Linalool	78-70-6	-	1 - 5%
Dimethylcyclohex-3-ene-1-carbaldehyde (isomer unspecified)	27939-60-2	-	1 - 5%
Ethyl 2-Methyl Butyrate	7452-79-1	-	0.1 - 1 %
2,2,5-Trimethyl-5-pentylcyclopentanone	65443-14-3	-	0.604 - 0.61%
2-Methylpentyl 2-methylvalerate	90397-38-9	-	0.1 - 1 %
2,4-Dimethyl-4,4a,5,9b-tetrahydroindeno[1,2-d]-1,3-dioxin	27606-09-3	-	0.1 - 1 %
Nerolidol	7212-44-4	-	0.1 - 1 %
Ethyl Caproate	123-66-0	-	0.1 - 1 %
Delta Damascone	573778-68-4	-	0.1 - 1 %
Allyl (Cyclohexyloxy) acetate	68901-15-5	-	0.1 - 1 %
Ethyl Vanillin	121-32-4	-	0.1 - 1 %
Isoeugenyl Methyl Ether	93-16-3	-	0.1 - 1 %
Benzyl Benzoate	120-51-4	-	0.1 - 1 %
Allyl α -ionone	79-78-7	-	0.1 - 1 %
BETA PINENE	127-91-3	-	0.04 - 0.06%
(+)-cis-Rose oxide	4610-11-1	-	0.03 - 0.04%
Rose oxide levo	3033-23-6	-	0.005 - 0.015%
CITRONELLOL	106-22-9	-	<0.1
cis-2-Methyl-4-propyl-1,3-oxathiane	59323-76-1	-	<0.1
TRIETHYL CITRATE	77-93-0	-	<0.1
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	68039-49-6	-	<0.1
Dimethylcyclohex-3-ene-1-carbaldehyde (isomer mixture)	68737-61-1	-	<0.1
ALPHA PINENE	80-56-8	-	0.002 - 0.04%
Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran	16409-43-1	-	0 - 0.002%
2-Phenoxyethyl isobutyrate	38462-22-5	-	< 0.1 %
1-(5,5-Dimethyl-1-cyclohex	56973-85-4	-	< 0.1 %

GERANIOL	106-24-1	-	< 0.1 %
LIMONENE	138-86-3	-	< 0.1 %
CITRAL	5392-40-5	-	< 0.1 %

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 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

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

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

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

Appearance	:	Clear colorless to very pale yellow liquid.
Odor	:	Characteristic odor.
Flash point	:	97°C
Relative density	:	0.931 to 0.951 @ 25 °C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.448 to 1.468 @ 20 °C

10. STABILITY AND REACTIVITY

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

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

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

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

All products are listed on the Canadian DSL.

TSCA

All products are listed on the United States TSCA inventory.

California Proposition 65**GHS Hazard Statements**

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : June 06,2022

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.