

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Gardenia Fragrance Oil
INCI name	:	Fragrance
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 Corrosion/Irritation - Category 2

Skin Sensitization - Category 1

Serious Eye Damage/Eye Irritation - Category 2A

Reproductive Toxicity - Category 2

Hazardous to the aquatic environment - Acute Category 2

Hazardous to the aquatic environment - Chronic Category 2

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P308+P313	If exposed: Call a POISON CENTER or doctor/physician.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
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
Benzenepropanal, 4-(1,1-dimethyl- thyl)-.alpha.-methyl-	80-54-6	-	10 - 30 %
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8- hexamethyl-	1222-05-5	-	7 - 15 %
3-Cyclohexene-1-methanol,.alpha., .alpha.,4-trimethyl-	98-55-5	-	5 - 10 %
2-Phenylethanol	60-12-8	-	3 - 7 %
Acetic acid, phenylmethyl ester	140-11-4	-	1 - 5 %
Octanal, 2-(phenylmethylene)-	101-86-0	-	1 - 5 %
1,6-Octadien-3-ol, 3,7-dimethyl-	78-70-6	-	1 - 5 %
Heptanal,2-(phenylmethylene)-	122-40-7	-	1 - 5 %
CIOVE LEAF OIL-C1800	8015-97-2	-	1 - 5 %
Ionone, methyl-	1335-46-2	-	1 - 5 %
Ethanone, 1-[(3R,3aR,7R,8aS)-2,3, 4,7,8,8a-hexahydro-3,6,8,8-tetram ethyl-1H-3a,7-methanoazulen-5yl]-	32388-55-9	-	1 - 5 %
1,3-Benzodioxole-5-carboxaldehyd e	120-57-0	-	0.5 - 1.5 %
Benzoic acid, 2-hydroxy-,phenylmethyl ester	118-58-1	-	0.5 - 1.5 %
Benzenemethanol,.alpha.-methyl-, 1-acetate	93-92-5	-	0.5 - 1.5 %
2,6-Octadien-1-ol,3,7-dimethyl-,(2E)-	106-24-1	-	0.1 - 1 %
Benzenepropanal,.alpha.-methyl-4- (1-methylethyl)-	103-95-7	-	0.1 - 1 %
Cyclohexene, 1-methyl-4-(1-methyl ethylidene)-,(R)-	5989-27-5	-	0.1 - 1 %

Benzeneacetaldehyde	122-78-1	-	0.1 - 1 %
2,6-Octadien-1-ol,3,7-dimethyl-,1-a cetate,(2E)-	105-87-3	-	0.1 - 1 %
2-Nonynoic acid, methyl ester	111-80-8	-	0.1 - 1 %
CITRAL 95 - C-1161	5392-40-5	-	0.1 - 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

Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

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 symptoms develop.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition. Material will burn in a fire. Empty containers that retain product residue can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to any source of ignition. These actions can potentially cause an explosion.

Resulting gases

Carbon Oxides, Carbon dioxide, Carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

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

Mildly irritating material. Avoid unnecessary exposure. 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 cool dry place. Isolate from oxidizing mineral acids, strong oxidizing agents, strong reducing agents, strong bases and strong acids.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

No respiratory protection required under normal conditions of use.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow clear liquid.
Odor	:	Characteristic odor.
Initial b.p and boiling range	:	64.2 - 67.8 °C
Flash point	:	93.3°C
Relative density	:	0.950 to 0.960 @ 25 °C
Solubility (ies)	:	Soluble in ethyl alcohol, insoluble in water.
Refractive index	:	1.479 to 1.494 @ 25 °C

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions.

Conditions to avoid

Temperatures above flash point in combination with sparks, open flames, direct sunlight or other sources of ignition.

Incompatible materials

Oxidizing mineral acids, strong oxidizing agents, strong reducing agents, strong bases and strong acids.

Hazardous decomposition products

Carbon Oxides, Carbon dioxide, Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity

None of the substances have been shown to cause cancer in long term animal studies.

IARC

Not a carcinogen according to IARC.

NTP

Not a carcinogen according to NTP.

OSHA

Not a carcinogen according to OSHA.

Mutagenicity

No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Reproductive toxicity

No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

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

Ecotoxicity

This material is not expected to be harmful to the ecology.

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

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

TSCA

All components in this product are on the TSCA Inventory.

SARA 313

N590 Polycyclic aromatic compounds (CAS#120-57-0)

California Proposition 65

We hereby declare that, to the best of our knowledge, this product does not contain any substance(s) that are listed in the California Proposition 65.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : April 21,2022

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.