

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Champaka (Nag Champa) 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

Acute toxicity - Oral Category 4

Serious Eye Damage/Eye Irritation - Category 2A

Skin Sensitization - Category 1

Specific Target Organ Systemic Toxicity (STOT) - Repeated exposure - Category 2

GHS Label elements, including precautionary statements



Signal: Warning

Hazard statement(s)

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash skin 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.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see section 4 on this label).
P330	Rinse mouth.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
2H-1-Benzopyran-2-one	91-64-5	-	5 - 10 %
2-Phenylethanol	60-12-8	-	3 - 7 %
Naphthalene, 2-methoxy-	93-04-9	-	3 - 7 %
Benzaldehyde, 4-hydroxy-3-methoxy	121-33-5	-	3 - 7 %
2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	106-24-1	-	1 - 5 %
CITRAL 95 - C-1161	5392-40-5	-	0.1 - 1.0 %
Heptanal, 2-(phenylmethylene)-	122-40-7	-	0.1 - 1.0 %
Pinus spp. (Pinaceae)	8006-64-2	-	0.1 - 1 %
Ethyl methylphenylglycidate	77-83-8	-	0.1 - 1 %
Benzophenone	119-61-9	-	0.5 - 1.5 %
Octanal, 7-hydroxy-3,7-dimethyl-	107-75-5	-	0.5 - 1.5 %
Benzoic acid, phenylmethyl ester	120-51-4	-	30 - 60 %

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

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

Do not use a water stream directly in the burning liquid.

Special protective equipment and precautions for fire-fighters

Do not enter fire area without proper protection including selfcontained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use water spray/fog for cooling.

Use methods for the surrounding fire.

Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

Special hazards arising from the substance or its combustible products

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Combustible Liquid. Can form explosive mixtures at temperatures at or above the flash point. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition.

Resulting gases

Carbon oxides.

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 VIII of this MSDS

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. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. Keep in air-tight containers- material is hygroscopic. Do not reuse containers. Avoid breathing vapors from heated material. Use with adequate ventilation. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Isolate from incompatible materials. Limit quantity of material stored. Store in a tightly closed container Store in a cool dry place Keep away from heat, sparks, and flame.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

No exposure limits for the constituents of this product.

Eyes

Use tightly sealed goggles.

Skin

Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

Respiratory

No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III.

A respirator is not normally required. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. A supplied air type respiratory will be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow clear liquid.
Odor	:	Characteristic odor.
Initial b.p and boiling range	:	273.9 °C
Flash point	:	>93.33°C
Relative density	:	1.090 to 1.100 @ 25° C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.548 to 1.563 @ 25 °C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Stable under normal conditions.

Conditions to avoid

Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.

Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases, Acid chlorides, Acid anhydrides.

Hazardous decomposition products

Carbon oxides, Carbon dioxide, carbon monoxide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity

None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to OSHA.

IARC

Not a carcinogen according to IARC.

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

Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

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.

Skin corrosion

Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

Persistence and degradability

Not available.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

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

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

California Proposition 65

- This product can expose you to benzophenone, 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

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Disclaimer & Caution

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