

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Allspice Essential Oil
Botanical name	:	Pimenta officinalis
INCI name	:	Pimenta Officinalis Fruit Oil
CAS #	:	8006-77-7
Country of Origin	:	USA
EINECS #	:	284-540-4
Product use	:	Domestic and Industrial
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

Serious eye damage/eye irritation - Category 2

Germ cell mutagenicity - Category 2

Carcinogenicity - Category 2

GHS Label elements, including precautionary statements



Signal: Warning

Hazard statement(s)

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.

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.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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
Eugenol	97-53-0	202-589-1	≥ 80 %
Methyl Eugenol	93-15-2	202-223-0	5 - 10 %
Caryophyllene	87-44-5	201-746-1	5 -10 %

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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

Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapors/spray. Obtain special instructions before use. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. 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

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	:	Pale yellow to yellow-amber liquid.
Odor	:	Characteristic pimento odor.
Flash point	:	> 93.33 °C
Vapor pressure	:	0.04 mm Hg @ 20 °C
Relative density	:	1.018 to 1.048 @ 25 °C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.5270 to 1.5400 @ 20 °C
Optical rotation	:	-4.0° to 0.0° @ 25 °C

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Eugenol - LD50 Oral - 2,300 mg/kg body-weight

Methyl Eugenol - LD50 Oral - 810 mg/kg body-weight

Carcinogenicity

Suspected of causing cancer.

Chronic toxicity

May cause allergic reactions on skin.

Mutagenicity

Suspected of causing genetic defects.

Inhalation

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

Skin contact

May cause an allergic skin reaction.

Eye contact

Causes serious eye irritation.

Ingestion

May cause nausea.

Aspiration hazard

May be fatal if swallowed and enter airways.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid pollution of surface or underground water.

Bio - accumulative potential

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.

Emergency action in case of accident

Notify police and fire department immediately

15. REGULATORY INFORMATION

TSCA

All products listed on the United States TSCA inventory.

California Proposition 65

This product contains chemical(s) listed per the Safe Drinking Water and Enforcement Act of 1986. Contains β -Myrcene, Methyleugenol, Estragol.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : October 18, 2018

Disclaimer & Caution

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