

0010 – Cinnamon Oil

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 01/09/2019

Version: 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : 0010 – Cinnamon Oil
CAS Number : N/A

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Food industry: component

1.3. Details of the supplier of the safety data sheet

LorAnn Oils, Inc.
4518 Aurelius Road
Lansing, MI 48910
Telephone: 1.800.862.8620

1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Acute toxicity – Dermal Cat. 4
Skin corrosion/irritation Cat. 2
Serious eye damage/eye irritation Cat.2A
Skin sensitivity Cat.1A

2.2. Label elements

GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms :  GHS07

Signal word (GHS-US) : Warning

Hazard statements : Harmful in contact with skin
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction

Precautionary statements – Prevention : Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements – Response : Specific treatment (see ? on this label). Specific treatment (see ? on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water and soap. Call a POISON CENTER or doctor if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statements – Disposal : Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

Other Information

- May be harmful if swallowed
 - Toxic to aquatic life
- 99.3842% of the mixture consists of

ingredient(s) of unknow toxicity

SECTION 3: Composition/information on ingredients :

100% of the composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact	: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	: Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.
Inhalation	: Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.
Ingestion	: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult a physician if necessary.
Most important symptoms and effects, both acute and delayed	: No information available
Indication of any immediate medical attention and special treatment needed	: Note to physicians: Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: No information available

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	: Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.
Explosion data	
Sensitivity to Mechanical Impact	: None
Sensitivity to Static Discharge	: None

5.3. Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	: Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and inhalation of vapors. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.
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Environmental precautions

Environmental precautions	: See Section 12 for additional Ecological Information
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Conditions for safe storage, including any incompatibilities

Methods for containment	: Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	: Pick up and transfer to properly labeled containers.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling. When using do not eat, drink or smoke.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep locked up and out of reach of children.
Incompatible materials	: None known based on information supplied.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Exposure guidelines	: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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8.2. Appropriate engineering controls

Engineering controls : Showers
Eyewash stations
Ventilation systems

8.3. Individual protection measures, such as personal protective equipment

Eye/Face protection : Wear safety glasses with side shields (or goggles). Avoid contact with eyes.
Skin and body protection : Avoid contact with skin. Wear protective gloves and protective clothing.
Respiratory protection : If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.
General hygiene considerations : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. When using do not eat, drink or smoke. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Clear to yellow
Odor : Cinnamon, spicy odor
pH : N/A
Relative evaporation rate (butyl acetate=1) : N/A
Melting point : N/A
Boiling point : N/A
Flash point : 239 °F
Auto-ignition temperature : N/A
Vapor pressure at 20 °C : N/A
Solubility : N/A
Viscosity, dynamic : N/A
Auto-ignition temperature : N/A

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

None under normal processing

10.4. Conditions to avoid

Extremes of temperature and direct sunlight

10.5. Incompatible materials

None known based on information supplied

10.6. Hazardous decomposition products

None known based on information supplied

SECTION 11: Toxicological information

11.1. Information on likely routes of exposure

Product information

Inhalation : Avoid breathing vapors or mists
Eye contact : Avoid contact with eyes. Causes serious eye irritation.
Skin contact : Avoid contact with skin. Causes skin irritation. Harmful in contact with skin. May cause an allergic skin reaction.
Ingestion : May be harmful if swallowed.

11.2. Information on toxicological effects

Symptoms : No information available

11.3. Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation : Irritating to skin.
Serious eye damage/eye irritation : Causes serious eye irritation.
Sensitization : May cause sensitization by skin contact.
Germ cell mutagenicity : Not classified.
Carcinogenicity : The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Eugenol 97-53-0		Group 3		
Methyl eugenol 93-15-2		Group 2B	Reasonably anticipated	X

Legend

IARC (International Agency for Research on Cancer)

Group 2B – Possibly Carcinogenic to Humans
Group 3 – Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Reasonably Anticipated – Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X – Present

Reproductive toxicity : This product does not contain any known or suspected reproductive hazards above the threshold value.
STOT – single exposure : Not classified.
STOT – repeated exposure : Not classified.
Aspiration hazard : Not classified.

11.4. Numerical measures of toxicity – Product information

Unknown acute toxicity : 99.3842 % of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document.

SECTION 12: Ecological information

12.1. Ecotoxicity

Toxic to aquatic life
0.6743 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Cinnamic aldehyde 104-55-2	Algae 96 hour EC50 – 7.55 mg/L, Algae 72 hour EC50 – 6.87 mg/L	Fish 96 hour LC50 - >3.5 mg/L		Invertebrates 48 hour EC50 – 1.20-7.05 mg/L, Invertebrates 24 hour EC50 – 3.1 mg/L
Eugenol 97-53-0		96 hr LC50 – 13 mg/L (Danio rerio) (OECD 203)		48hr EC50 – 1.13 mg/L (Daphnia magna) (OECD 202)

12.2. Persistence and degradability

No information available

12.3. Bioaccumulation

No information available

12.4. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal of wastes : Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging : Do not reuse container.

SECTION 14: Transport information

DOT: *Not regulated*

SECTION 15: Regulatory information

15.1. US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard : Yes
Chronic health hazard : No
Fire hazard : No
Sudden release of pressure hazard : No
Reactive hazard : No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

15.2. US State Regulations

U.S. State Right-to-Know Regulations

This product contains substance(s) regulated by state right-to-know regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island
Methyl eugenol 93-15-2	X			

U.S. EPA Label information

EPA Pesticide registration number Not applicable

SECTION 16: Other information

Other information : **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable

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