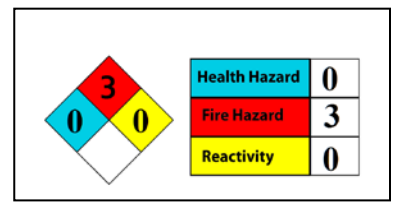


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SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME (IDENTITY): PURE CINNAMON EXTRACT

CAS# Proprietary Formula

Other means of identification

Synonyms: Cinnamon Flavor

Chemical Name: Not applicable

Chemical Formula: Not applicable

Contact Information:

SUPPLIER: OLIVENATION, LLC

ADDRESS: 50 TERMINAL ST., BLDG. 2, STE. 712, CHARLESTOWN, MA 02129

PHONE: 617-580-3667 Online: www.olivenation.com E-mail: info@olivenation.com

CHEMTREC PHONE: 1-800-424-9300 for US/ 703-527-3887 outside US

SECTION 2: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Physical Hazards	Flammable Liquids	Category 3
Health Hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single Exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, single Exposure	Category 3 Narcotic effects
Environmental hazards	Not classified.	
Label elements		



Signal Word

Hazard statement

H226

H315

H315 + H320

H319

H335

H336

Precautionary statement

Prevention

P210

P233

P240

P241

P242

P243

P261

P264

P271

P280

Response

P303 + P361 + P353

P304 + P340

P305 + P351 +P338

P312

P332 + P313

P337+ P313

P362 +P364

Warning

Flammable liquid and vapor.

Causes skin irritation.

Causes skin and eye irritation.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Keep away from heat/sparks/open flames/ hot surfaces. No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing mist or vapor.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/eye protection/ face protection.

IF ON SKIN OR HAIR: Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and Easy to do. Continue rinsing.

Call a POISON CENTER/ doctor if you feel unwell.

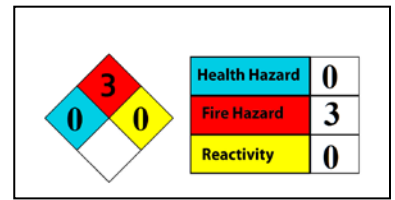
If skin irritation persists: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

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Storage	P370 +P378	In case of fire: Use appropriate media to extinguish.
	P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
	P403 + P233	Store in a well-ventilated place. Keep cool.
	P405	Store locked up.
Disposal	P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise Classified (HNOC)		None known.
Supplemental information		None.

SECTION 3: Composition and Information on Ingredients

COMPOSITION:

Name	CAS #	%by weight
Oil of Ceylon Cinnamon Bark		
Ethyl Alcohol 190 Proof	64-17-5	50

Toxicological Data on Ingredients: Ethyl alcohol 190 Proof: ORAL (LD50): Acute: 7060 mg/kg [Mouse]. VAPOR (LC50): Acute: 20000 ppm 8 hours [Rat]. 39000 mg/m 4 hours [Mouse].

SECTION 4: First Aid Measures

Eye contact:

Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.

Skin Contact:

Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.

Inhalation:

If breathing is difficult, move to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.

Ingestion:

Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

Most important Symptoms/effects, acute and Delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory. Skin irritation. May cause redness and pain.
Indication of immediate medical Attention and special treatment Needed	Not available.
General information	Ensure that medical personnel are aware of material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5: Fire-Fighting Measures

Suitable extinguishing media	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment And precautions for firefighters.	

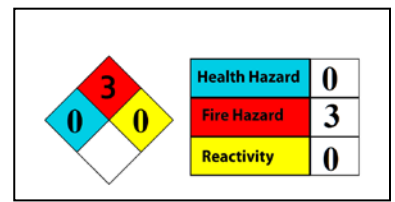
SECTION 6: Accidental Release Measures

Small spill: Dilute with water and mop up or absorb with an inert dry material and place in appropriate waste container.

Large Spill: Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements, or confined areas; Dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

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SECTION 7: Handling and Storage

Secure to proper area. Keep away from heat. Keep away from source of ignition. Keep container tightly closed and sealed until ready for use. Ground all equipment. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. Provide sufficient ventilation. If ingested seek medical advice immediately and show container or label. Avoid contact with skin and eyes. Keep away from incompatible such as oxidizing agents, acids, or alkalis.

SECTION 8: Exposure Controls/ Personal Protection

RESPIRATORY PROTECTION: AN APPROPRIATE NIOSH – APPROVED RESPIRATOR SHOULD BE WORN

VENTILATION: LOCAL EXHAUST – IF HEATED
SPECIAL – N/A
MECHANICAL (GENERAL) – RECOMMENDED
OTHER – N/A

PROTECTIVE GLOVES: NEOPRENE OR RUBBER

EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: EYE BATH SHOULD BE AVAILABLE

WORK/HYGIENIC PRACTICES: IN ACCORDANCE WITH GOOD MANUFACTURING PROCEDURES

SECTION 9: Physical and Chemical Properties

Appearance: Clear, colorless liquid
Aroma: Cinnamon-Typical
pH: Not available
Boiling Point Not available
Melting Point Not applicable
Vapor Pressure None
Flash Point >70 deg. F
Water solubility soluble in cold water, hot water.

SECTION 10 Stability and Reactivity

Stability: The product is stable

Instability Temperature: Not available

Conditions of instability: Heat, ignition sources, incompatible materials.

Chemical Stability: Presents no significant reactivity hazard. Normally stable even at elevated temperatures and pressures. Not pyrophoric nor reactive with water. Does not undergo explosive decomposition, is shock stable and is not an oxygen donor. Does not form explosive mixtures with other organic materials. Will not undergo hazardous exothermic polymerization.

11. Toxicology Information

Routes of entry: Absorbed through skin. Eye contact. Inhalation.

Toxicity to animals: Acute oral toxicity (LD50): 9857 mg/kg (Mouse) (Calculated value for the mixture).

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified PROVEN by State of California Proposition 65 [ethyl alcohol 190 proof]. Classified A4 (Not classifiable for human or animal.) by ACGIH [Ethyl alcohol 190 proof]. **MUTAGENIC EFFECTS:** Mutagenic for mammalian somatic cells. [Ethyl alcohol 190 proof]. Mutagenic for bacteria and/or yeast. [Ethyl alcohol 190 proof]. **TERATOGENIC EFFECTS:** Classified PROVEN for human [Ethyl alcohol 190 proof]. **DEVELOPMENTAL TOXICITY:** Classified developmental toxin (PROVEN) [Ethyl alcohol 190 proof]. Classified Reproductive system/toxin/male [POSSIBLE] [Ethyl alcohol 190 proof].

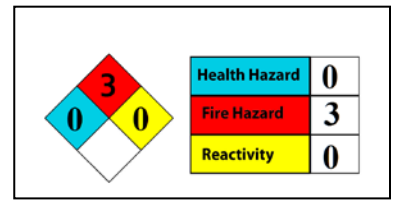
Other toxic effects on humans: Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator), of ingestion.

Special Remarks On Toxicity To Animals: Not available

Special Remarks On Toxicity to Humans: May affect genetic material (mutagenic) Causes adverse reproductive effects and birth defects (teratogenic), based on moderate to heat consumption. May cause cancer based on animal data. Human: passes through the placenta, excreted in maternal milk. (Ethyl alcohol 190 proof)

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Special Remarks on Other Toxic Effects on Humans: Acute potential health effects: Skin: causes skin irritation Eyes: causes eye irritation Ingestion: May affect behavior. Moderately toxic and narcotic in high concentrations. May affect metabolism, gastrointestinal tract, blood, liver. May affect respiratory tract, cardiovascular and urinary systems. Experimentally tumorigen. Inhalation: May cause irritation of the respiratory tract, headache, drowsiness, nausea, narcosis. (Ethyl alcohol 190 proof).

SECTION 12: Ecological Information

Ecotoxicity: Not available

BOD5 and COD: Not available

Products of Bio degradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 Transport Information

DOT Classification: CLASS 3: Flammable Liquid.

Identification: Ethanol Solution (Ethyl alcohol 190 proof) UNNA: 1197 PG: III

Special Provisions for Transport: Not available.

Section 15 Other Regulatory Information

Federal and State Regulations:

California Prop 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning statute: Ethyl Alcohol 190 Proof California prop 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Ethyl Alcohol 190 Proof California prop. 65: This products contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute. Ethyl alcohol 190 proof Rhode Island RTK hazardous substances: Ethyl Alcohol 190 Proof Pennsylvania RTK: Ethyl Alcohol 190 Proof Florida: Ethyl Alcohol 190 Proof Massachusetts RTK Ethyl Alcohol 190 Proof New jersey: Ethyl Alcohol 190 Proof TSCA 8(b) inventory: Ethyl Alcohol 200 proof.

Other regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

WHMIS (Canada): Class B-2: Flammable liquid with a flash point lower than 37.8 deg C (100 deg F)

DSCL (EEC):

R11Highly Flammable. S2-Keep out of reach of children

HMIS (USA):

Health Hazard: 2
Fire Hazard: 3
Reactivity: 0
Personal Protection: H

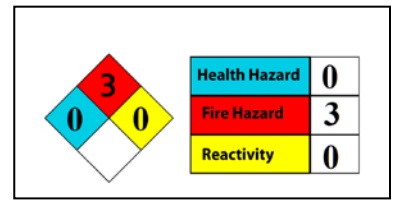
National Fire Protections Association (USA):

Health: 0
Flammability: 3
Reactivity: 0
Specific Hazard: None

Protective Equipment:

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Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16 Other Information

References: Not available

Other special Considerations: Not available

Created: 01/03/2015

Last updated: 02/03/2016

Warning/Disclaimer: The ingredient(s) has not been tested, nor has it been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively "E-cigarettes").

In supplying this ingredient, OliveNation, LLC instructs and by receiving this ingredient recipient confirms, that this ingredient will not be used in connection with the manufacture and distribution of E-cigarettes or any component thereof.

The information in this SDS is believed to be accurate and represents the best information currently available to us. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. We make no warranty of merchantability or any other warranty expressed or implied, with respect to such information, we assume no liability resulting from its use. Users should make their own investigation to determine suitability of the information for their particular purposes. In no event shall OliveNation, LLC be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, howsoever arising, even if OliveNation, LLC has been advised of the possibility of such damages.