

ACEITE ESENCIAL DE CANELA CASSIA

CINNAMOMUN CASSIA LALAUREIRII

CAS Nº:	8007-80-5 /84961-46-6
EINECS/ELINCS Nº:	284-635-0
INCI:	CINNAMOMUN CASSIA LEAF OIL
ASPECTO / APPEARANCE:	Líquido transparente, de marrón a marrón oscuro
OLOR / ODOR:	Característico, especiado, profundo y amaderado
DENSIDAD RELATIVA 20° C / SPECIFIC GRAVITY 20° C :	1,045 - 1,105
ÍNDICE DE REFRACCIÓN 20° C / REFRACTIVE INDEX 20° C:	1,600 - 1,615
ROTACIÓN ÓPTICA / OPTICAL ROTATION:	(-3° / +6°)
PUNTO DE INFLAMACIÓN / FLASH POINT:	95 ° C



FICHA DE SEGURIDAD - SAFETY DATA SHEET
ACEITE ESENCIAL DE CANELA - Cassia Essential Oil

This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Cassia Essential Oil

Botanical name : Cinnamomum cassia

Synonyms : Chinese Cinnamon

FEMA : 2258

INCI name : Cinnamomum cassia Leaf Oil

Product use : Domestic and Industrial

Supplier : La Despensa del Jabón
San Ignacio Auzunea Etxetaldea, 1 048200 Durango. España.
Tel: 944 657 841
Fax: 941 899 765
www.ladispensadeljabon.com tienda@ladispensadeljabon.com

Instituto Nacional de Toxicología. Madrid. Tel: 91 562 04 20

2. HAZARDS IDENTIFICATION

Emergency Overview

WHMIS Classification

B3	Combustible Liquid	Combustible liquid
D1B	Toxic Material Causing Immediate and Serious Toxic Effects	Toxic by skin absorption
D2B	Toxic Material Causing Other Toxic Effects	Moderate eye irritant
E	Corrosive Material	Corrosive

GHS Classification

Flammable Liquids (Category 4)
Acute toxicity, Dermal (Category 3)
Acute toxicity, Oral (Category 5)



Eye Irritation (Category 2)
Skin Irritation (Category 2A)

GHS Label elements, including precautionary statements



Signal : Warning

Hazard statement(s)

H227 Combustible liquid.
H303 Combustible liquid.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement(s)

P280 Wear protective gloves/ protective clothing.
P305, 338, 351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
P302, 352 IF ON SKIN: Wash with plenty of soap and water.
P313, 333, 337 If eye or skin irritation persists: get medical advice/attention.

HMIS Classification & Potential Health Effects

HMIS Ratings

Health Hazard – 3; Fire Hazard –2; Reactivity – 0.

Inhalation

May be harmful if inhaled. Causes respiratory tract irritation

Skin

May be harmful if absorbed through skin. Causes skin irritation.

Eyes

Causes eye irritation

Ingestion

Maybe harmful if swallowed

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Cinnamic aldehyde			85%

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

Foam. Dry Powder. Carbon dioxide.

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Use mechanical exhaust or laboratory fume hood to avoid exposure. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

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 pale amber liquid.
Odor	:	Characteristic sweet cinnamon odor.
Flash point	:	91.67 °C - closed cup
Relative density	:	1.045 - 1.630 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.602 - 1.614 @ 20°C
Optical rotation	:	-1° - +1° @ 20°C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid air; also sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - rat - 2,800 mg/kg

LD50 Dermal - rabbit - 320 mg/kg

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Mutagenicity

Not available.

Respiratory or skin sensitization

Not available.

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

Repeated exposure

Repeated or prolonged contact may cause redness, irritation and scaling of skin (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.

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**

2810

UN proper shipping name

Toxic, liquids, organic, n.o.s. (Cinnamon bark oil)

Transport hazard class

6.1

Packing group

III

IMO-IMDG Shipping Description (Sea)

UN number: 2810 (see above)

IMDG-Marine pollution

No.

IATA Shipping Description (Air)

UN number: 2810 (see above)

Emergency action in case of accident

Notify police and fire department immediately

15. REGULATORY INFORMATION**WHMIS Classification**

B3, D1B, D2B, E

16. OTHER INFORMATION**Disclaimer & Caution:**

The information contained in Material Safety Data Sheet is obtained from current and reliable sources. The information contained herein is true and to the best of KIS OILS knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulation. Final determination of the suitability of the material is the sole responsibility of the user. Customers should purchase products from KIS OILS with the clear understanding that all products must be used at the customers own discretion and only after referencing Material Safety data Sheets(MSDS) and all other relevant technical information specific to the product. KIS OILS shall not be held responsible for any damages to the property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. 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 with any manufacturing process. KIS OILS strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing. The information on the KIS OILS website is obtained from current and reliable sources but makes no representation as to its comprehensiveness or accuracy. Nothing contained herein should be considered as a recommendation by KIS OILS as to the fitness for any use. As the ordinary or otherwise use of this product is outside the control of KIS OILS 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 KIS OILS is limited to the value of the goods and does not include any consequential loss. KIS OILS shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.



DECLARACIÓN DE ALERGENOS - DECLARATION OF ALLERGENS

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PRODUCT	Cinnamon Leaf Oil	
MATERIAL	CAS NUMBER	TOTAL ALLERGEN INCLUSION LEVEL (%)
AMYL CINNAMAL	122-40-7	-
BENZYL ALCOHOL	100-51-6	-
CINNAMYL ALCOHOL	104-51-6	1
CITRAL	5392-40-5	-
EUGENOL	97-53-0	85
HYDROXYCITRONELLAL	107-75-5	-
ISO EUGENOL	97-54-1	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
BENZYL SALICYLATE	118-58-1	-
CINNAMAL (Cinnamic Aldehyde)	104-55-2	3
COUMARIN	91-64-5	0.3
GERANIOL	106-24-1	-
HYDROXYMETHYL PENTYL CYCLOHEXENE CARBOXALDEHYDE (Lylal)	31906-04-4	-
ANISYL ALCOHOL (Anise alcohol)	105-13-5	-
BENZYL CINNAMATE	103-41-3	-
FARNESOL	4602-84-0	-
2-(TERT-BUTYL PROPIONALDE) (Lilial)	80-54-6	-
LINALOOL	78-70-6	4
BENZYL BENZOATE	120-51-4	4
CITRONELLOL	106-22-9	-
HEXYL CINNAMIC ALDEHYDE (Hexyl Cinnamal)	101-86-0	-
LIMONENE	5989-27-5	-
METHYL HEPTINE CARBONATE	111-12-6	-
3-METHYL-4-(2,6,6 TRIMETHYL-2- CYCLOHEXINE-1-YL)-3-BUTEN-2-ONE	127-51-5	-
OAK MOSS EXTRACT (Evernia Prunastri)	90028-68-5	-
TREE MOSS EXTRACT (Evernia Furfuracea)	90028-67-4	-
TOTAL		97.3





IFRA CONFORMITY CERTIFICATE

Product: CINNAMOMUN CASSIA LEAF OIL

We certify that the above item is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 48th Amendment / published June 2015), provided it is used in the following classes at a maximum concentration level of:

IFRA classes [see annex for detail]	Maximum level of use (%)
IFRA Class 1 Limit	0.28%
IFRA Class 2 Limit	0.28%
IFRA Class 3.A Limit	0.71%
IFRA Class 3.B Limit	0.71%
IFRA Class 3.C Limit	0.71%
IFRA Class 3.D Limit	0.71%
IFRA Class 4.A Limit	0.71%
IFRA Class 4.B Limit	0.71%
IFRA Class 4.C Limit	0.71%
IFRA Class 4.D Limit	0.71%
IFRA Class 5 Limit	0.85%
IFRA Class 6 Limit	6.14%
IFRA Class 7.A Limit	0.57%
IFRA Class 7.B Limit	0.57%
IFRA Class 8.A Limit	0.71%
IFRA Class 8.B Limit	0.71%
IFRA Class 9.A Limit	0.71%
IFRA Class 9.B Limit	0.71%
IFRA Class 9.C Limit	0.71%
IFRA Class 10.A Limit	0.71%
IFRA Class 10.B Limit	0.71%
IFRA Class 11 Limit	100%

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact Soap Supplier Ltd.

Contains the following substances restricted by the current IFRA Standards:-



IFRA CONFORMITY CERTIFICATE

Ingredient	CAS	Concentration (%)
benzyl benzoate	120-51-4	4%
eugenol	97-53-0	70%

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

Regulatory Affairs Department

ANNEX: Definition of IFRA Classes

Finished product types	IFRA class
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Children's Toys	IFRA Class 1 Limit
Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.); Nose pore strips; Fragranced Bracelets	IFRA Class 2 Limit
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Edt range)	IFRA Class 3.A Limit
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Fine fragrance range)	IFRA Class 3.B Limit
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care; Men's Facial Creams and Balms; Baby Creams, Lotions, Oils; Body Paint for Children	IFRA Class 3.C Limit
Tampons	IFRA Class 3.D Limit
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Edt range); Ingredients of Perfume Kits; Scent Pads, Foil packs; Scent Strips for hydroalcoholic products	IFRA Class 4.A Limit
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Fine fragrance range)	IFRA Class 4.B Limit
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.); Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils); Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae; Fragrance Compounds for Cosmetic Kits; Foot Care Products; Hair deodorant; Body Paint (except those for children)	IFRA Class 4.C Limit
Fragrancing Cream; Solid perfumes	IFRA Class 4.D Limit
Women's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; Baby Powder and Talc; Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes; Wipes or Refreshing Tissues for Face, Neck, Hands, Body; Dry Shampoo or Waterless Shampoo	IFRA Class 5 Limit
Mouthwash, including Breath Sprays; Toothpaste	IFRA Class 6 Limit



IFRA CONFORMITY CERTIFICATE

Intimate Wipes; Baby Wipes	IFRA Class 7.A Limit
Insect Repellent (intended to be applied to the skin)	IFRA Class 7.B Limit
Make-up Removers of all types (not including face cleansers); Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.); Nail Care; Powders and talcs, all types (except baby powders and talcs)	IFRA Class 8.A Limit
Hair Dyes	IFRA Class 8.B Limit
Conditioner (Rinse-Off); Liquid Soap; Shampoos of all types (including baby shampoos); Face Cleansers of all types (washes, gels, scrubs, etc.); Shaving Creams of all types (stick, gels, foams, etc.); All Depilatories (including waxes for mechanical hair removal); Body Washes of all types (including baby washes) and Shower Gels of all types; Bar Soap (Toilet Soap); Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater	IFRA Class 9.A Limit
Feminine hygiene - pads, liners; Toilet paper; Wheat bags	IFRA Class 9.B Limit
Facial tissues; Napkins; Paper towels; Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays); Fragranced Face Masks (not intended to be used as medical device)	IFRA Class 9.C Limit
Handwash Laundry Detergents of all types including concentrates; Fabric Softeners of all types including fabric softener sheets; Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.); Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates; Hand Dishwashing Detergent including concentrates; Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Shampoos for pets; Dry cleaning kits; Scented gloves, socks, tights with moisturizers	IFRA Class 10.A Limit
Diapers; Toilet seat wipes	IFRA Class 10.B Limit
All non-skin contact or incidental skin contact including: Candles; Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical); Air Delivery Systems; Cell phone cases; Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers; Liquid refills for air fresheners (cartridge systems); Shoe Polishes; Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders); Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols; Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Toilet Blocks; Joss Sticks or Incense Sticks; Machine Dishwash Detergent and Deodorizers; Machine-only Laundry Detergent (e.g. liquid tabs); Plastic articles (excluding toys); Fuels; Fragranced lamp ring; Scent pack; Scratch and Sniff (sampling technology); Paints; Cat litter; Animal sprays (all types); Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Odored Distilled Water (that can be added to steam irons)	IFRA Class 11 Limit