



Material Safety Data Sheet

EU Regulation: 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFICATION	
PRODUCT NAME	CINNAMON BARK, ESSENTIAL OIL
SYNONYMS & TRADE NAMES	-
INTERNAL PRODUCT CODE	K0129
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	
COMPANY ADDRESS	Essican Purelife Unit 2A, Hollow wood road, Dover, Kent, CT17 0UB, England.
EMAIL	SALES@PURELIFEUK.CO.UK
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	
EMERGENCY CONTACTS	01304 273111

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

WWW.ESSICANOILS.COM

SECTION 2: HAZARDS IDENTIFICATION	
2.1	
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.
CLASSIFICATION (EU1272/2008)	ACUTE TOXICITY - DERMAL CATEGORY 4 - (H312) SKIN CORROSION/IRRITATION CATEGORY 2 - (H315) SERIOUS EYE DAMAGE/EYE IRRITATION CATEGORY 2 - (H319) SKIN SENSITIZATION CATEGORY 1A - (H317) CARCINOGENICITY CATEGORY 1B - (H350) CHRONIC AQUATIC TOXICITY CATEGORY 3 - (H412)
2.2	
LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
GHS LABEL	  GHS07 GHS09
SIGNAL WORD	DANGER.
CONTAINS	CONTAINS CINNAMIC ALDEHYDE, EUGENOL, SAFROLE
HAZARDS STATEMENT	H312 - HARMFUL IN CONTACT WITH SKIN H315 - CAUSES SKIN IRRITATION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H319 - CAUSES SERIOUS EYE IRRITATION H350 - MAY CAUSE CANCER H412 - HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS EUH208 - CONTAINS LINALOOL, ISOEUGENOL, CARYOPHYLLENE MAY PRODUCE AN ALLERGIC REACTION.
PRECAUTIONARY STATEMENTS	P280 - WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION P201 - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE P264 - WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING P312 - CALL A POISON CENTER OR DOCTOR IF YOU FEEL UNWELL P321 - SPECIFIC TREATMENT (SEE ? ON THIS LABEL) P102 - KEEP OUT OF REACH OF CHILDREN P501 - DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT P273 - AVOID RELEASE TO THE ENVIRONMENT
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	NONE.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
2.3	
OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO DATA.
ADVERSE EFFECTS ON HUMAN HEALTH	THE MIXTURE DOES NOT CONTAIN SUBSTANCES CLASSIFIED AS 'SUBSTANCES OF VERY HIGH CONCERN' (SVHC) $\geq 0.1\%$ PUBLISHED BY THE EUROPEAN CHEMICALS AGENCY (ECHA) UNDER ARTICLE 57 OF REACH: HTTP://ECHA.EUROPA.EU/FR/CANDIDATE-LIST-TABLE
PBT OR VPvB ACCORDING TO ANNEX XIII	THE MIXTURE SATISFIES NEITHER THE PBT NOR THE VPvB CRITERIA FOR MIXTURES IN ACCORDANCE WITH ANNEXE XIII OF THE REACH REGULATIONS EC 1907/2006.

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

SECTION 3: COMPOSITION OF INGREDIENTS

3.1 MIXTURES

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to	Specific concentration	M-Factor	M-Factor (long-term)
				Regulation (EC) No. 1272/2008 [CLP]	limit (SCL)		
Cinnamic aldehyde 104-55-2	70 - <80	No data available	Present	Acute Tox. 5 (H303) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Skin Sens. 1A (H317) Aquatic Acute 2 (H401) Aquatic Chronic 3 (H412)	-	-	-
Eugenol 97-53-0	10 - <20	No data available	Present	Aquatic Acute 2 (H401) (ECHA) Skin Sens. 1 (H317) (ECHA) Eye Irrit. 2 (H319) (ECHA) Skin Irrit. 3 (H316) (ECHA) Acute Tox. 5 (H303)(ECHA)	-	-	-
Linalool 78-70-6	1 - <10	No data available	Present	Aquatic Acute 3 (H402) (ECHA) Eye Irrit. 2 (H319) (ECHA) Skin Irrit. 2 (H315) (ECHA) Acute Tox. 5 (H303)(ECHA) Flam. Liq. 4 (H227)(ECHA) Skin Sens. 1B (H317) (ECHA)	-	-	-
d-Limonene 5989-27-5	1 - <10	No data available	Present	Flam. Liq. 3 (H226)(ECHA) Skin Irrit. 2 (H315)(ECHA) Skin Sens. 1B (H317)(ECHA) Asp. Tox. 1 (H304)(ECHA) Aquatic Acute 1 (H400)(ECHA) Aquatic Chronic 3 (H412)(ECHA)	-	-	-
Caryophyllene 87-44-5	0.1 - <1	No data available	Present	Skin Sens. 1B (H317) (ECHA) Asp. Tox. 1 (H304) (ECHA) Chronic Aquatic 4 (H413) (ECHA)	-	-	-
Benzyl benzoate 120-51-4	0.1 - <1	No data available	Present	Acute Tox. 4 (H302)(ECHA) Aquatic Acute 1 (H400) (ECHA) Aquatic Chronic 2 (H411) (ECHA) Acute Tox. 5 (H313)(ECHA)	-	-	-
alpha-Phellandrene 99-83-2	0.1 - <1	No data available	Present	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Aquatic Acute 1 (H400)	-	-	-
Safrrole 94-59-7	0.1 - <1	No data available	Present	Acute Tox. 4 (H302)(ECHA) Muta. 2 (H341)(ECHA) Carc. 1B (H350)(ECHA)	-	-	-

SECTION 4: FIRST AID MEASURES

4.1

DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION	SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE. IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.
INHALATION	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
INGESTION	DO NOT INDUCE VOMITING. RINSE MOUTH. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

WWW.ESSICANOILS.COM

EYE CONTACT	INSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. KEEP EYE WIDE OPEN WHILE RINSING. DO NOT RUB AFFECTED AREA. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.
4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	ITCHING. RASHES. HIVES. MAY CAUSE REDNESS AND TEARING OF THE EYES. BURNING SENSATION.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	MAY CAUSE SENSITIZATION IN SUSCEPTIBLE PERSONS. TREAT SYMPTOMATICALLY.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES. PRODUCT IS OR CONTAINS A SENSITIZER. MAY CAUSE SENSITIZATION BY SKIN CONTACT.
5.3 ADVICE FOR FIRE-FIGHTERS	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID INHALATION.	
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.	
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	METHODS FOR CONTAINMENT METHODS FOR CLEANING UP PREVENTION OF SECONDARY HAZARDS ENVIRONMENTAL REGULATIONS.	PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. TAKE UP MECHANICALLY, PLACING IN APPROPRIATE CONTAINERS FOR DISPOSAL. CLEAN CONTAMINATED OBJECTS AND AREAS THOROUGHLY OBSERVING
6.4 REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.	

SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE-HANDLING	HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. – NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	STORAGE CLASS: FLAMMABLE LIQUID STORAGE. STORE ONLY IN THE ORIGINAL RECEPTACLE. KEEP CONTAINER TIGHTLY SEALED. KEEP IN COOL, DRY, VENTILATED STORAGE AND CLOSED CONTAINERS. KEEP AWAY FROM HEAT.
7.3 SPECIFIC END USE(S)	INDUSTRY USE.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1
CONTROL PARAMETERS

Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
d-Limonene 5989-27-5	-	-	-	-	TWA: 25 ppm TWA: 140 mg/m³ STEL: 50 ppm STEL: 280 mg/m³

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

WWW.ESSICANOILS.COM

Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
d-Limonene 5989-27-5	TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	-	TWA: 5 ppm TWA: 28 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m ³ Skin	-	-
alpha-Phellandrene 99-83-2	TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	-	-	-	-
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
d-Limonene 5989-27-5	-	-	-	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 37.5 ppm STEL: 175 mg/m ³	-
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
d-Limonene 5989-27-5	-	-	-	-	S* TWA: 30 ppm TWA: 168 mg/m ³
Chemical name	Sweden		Switzerland	United Kingdom	
d-Limonene 5989-27-5	-		STEL: 14 ppm STEL: 80 mg/m ³ TWA: 7 ppm TWA: 40 mg/m ³	-	

BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS

THIS PRODUCT, AS SUPPLIED, DOES NOT CONTAIN ANY HAZARDOUS MATERIALS WITH BIOLOGICAL LIMITS ESTABLISHED BY THE REGION SPECIFIC REGULATORY BODIES.

8.2

EXPOSURE CONTROLS



EYE PROTECTION

WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166)

HAND PROTECTION

AVOID CONTACT WITH SKIN. WASH HANDS BEFORE BREAKS AND AT END OF WORK. WEAR PROTECTIVE GLOVES. DIN/EN 374. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT/ THE SUBSTANCE/ THE PREPARATION. PENETRATION TIME OF GLOVE MATERIAL: THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER OF THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED.

RESPIRATORY EQUIPMENT

DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED.

HYGIENE MEASURES

GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.

ENGINEERING MEASURES

NONE.

SKIN PROTECTION

WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.

PERSONAL PROTECTION

AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. AVOID CONTACT WITH SKIN AND EYES. USE PERSONAL PROTECTION ACCORDING TO DIRECTIVE 89/686/EEC.

OTHER PROTECTION

WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.

PROCESS CONDITIONS

ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.

ENVIRONMENTAL EXPOSURE CONTROLS

AVOID DISCHARGING INTO DRAINAGE WATER.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE

CLEAR LIQUID

COLOUR

PALE YELLOW - YELLOW

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

WWW.ESSICANOILS.COM

ODOUR	CHARACTERISTIC
FLASH POINT (°C)	100°C.
REFRACTIVE INDEX @ 20 °C	1.572 – 1.616
RELATIVE DENSITY @ 20 °C	1.000 – 1.071
SOLUBILITY IN WATER @ 20 °C	SOLUBLE IN WATER. SOLUBLE IN OIL.
9.2 OTHER INFORMATION	NO DATA.
SECTION 10: STABILITY & REACTIVITY	
10.1 REACTIVITY	NOT APPLICABLE.
10.2 CHEMICAL STABILITY	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C). STABLE UNDER NORMAL CONDITIONS.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	NONE UNDER NORMAL PROCESSING.
10.4 CONDITIONS TO AVOID	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C. AVOID HEAT, FLAMES AND OTHER SOURCES OF IGNITION.
10.5 INCOMPATIBLE MATERIALS	AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1
TOXICOLOGICAL EFFECTS

ACUTE TOXICITY

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (dermal) 1,128.50 mg/kg

Unknown acute toxicity
19.49572 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Cinnamic aldehyde	2,220 mg/kg	>2000 mg/kg (Rabbit)	68.88 mg/l
Eugenol	1930 mg/kg (Rat)	-	2.6 mg/L/4h air (nominal) (Rat, OECD 403)
Linalool	= 2790 mg/kg (Rat)	= 2000 mg/kg (Rabbit) = 5610 mg/kg (Rat)	>20mg/L
d-Limonene	-	> 5 g/kg (Rabbit)	-
Benzyl benzoate	>2,000 mg/kg (Rat)	4000 mg/kg (Rabbit)	>5.57 mg/L (similar materials, 4 hours, Rat)
alpha-Phellandrene	= 5700 mg/kg (Rat)	-	-
Safrole	= 1950 mg/kg (Rat)	> 5 g/kg (Rabbit)	-

SKIN IRRITATION

IRRATATING TO SKIN

EYE DAMAGE OR IRRITATION

CAUSES SERIOUS EYE IRRITATION. MAY CAUSE REDNESS, ITCHING, AND PAIN.

RESPIRATORY OR SKIN SENSITIVITY

MAY CAUSE SENSITIZATION BY SKIN CONTACT. SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE. REPEATED OR PROLONGED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS WITH SUSCEPTIBLE PERSONS. (BASED ON COMPONENTS).

MAY CAUSE AN ALLERGIC SKIN REACTION.

GERM CELL MUTAGENICITY

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

Chemical name	European Union
Safrole	Mut 2

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

CARCINOGENICITY	The table below indicates whether each agency has listed any ingredient as a carcinogen.	
	Chemical name	European Union
	Safrole	Carc. 1B
REPRODUCTIVE TOXICITY	NO DATA.	
STOT – SINGLE EXPOSURE	NOT CLASSIFIED	
STOT – REPEATED EXPOSURE	NOT CLASSIFIED	
ASPIRATION HAZARD	NOT CLASSIFIED	
OTHER INFORMATION	NOT CLASSIFIED	

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY	Unknown aquatic toxicity		Contains 0.69792 % of components with unknown hazards to the aquatic environment.		
	Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
	Cinnamic aldehyde	Algae 96 hour EC50 - 7.55 mg/L, Algae 72 hour EC50 - 6.87 mg/L	96hr LC50 - 3.9 mg/L (Brachydanio rerio)	-	48hr EC50 - 3.21 mg/L (Daphnia magna)
	Eugenol	-	96hr LC50 - 13 mg/L (Danio rerio) (OECD 203)	-	48hr EC50 - 1.13 mg/L (Daphnia magna) (OECD 202)
	Linalool	88.3: 96 h Desmodesmus subspicatus mg/L EC50	96hr LC50 - 27.8mg/L (Salmo gairdneri)	-	48hr EC50 - 59mg/L (Daphnia magna)
	d-Limonene	-	96hr LC50 - 0.7mg/L (Pimephales promelas)	-	48hr EC50 - 0.4 mg/L (Daphnia magna)
	Benzyl benzoate	-	96 hr LC50 - 2.32 mg/l (Brachydanio rerio)	-	48 hr EC50 - 3.09 mg/L, Chronic NOEC - 1.73 mg/L (Daphnia magna)
12.2 PERSISTENCE & DEGRADABILITY	No DATA.				
12.3 Bio- ACCUMULATIVE POTENTIAL	No DATA.				
12.4 MOBILITY IN SOIL	No DATA				
12.5 RESULTS OF PBT & VPVB ASSESSMENT	No DATA.				
12.6 OTHER ADVERSE EFFECTS	No DATA.				
SECTION 13: DISPOSAL INFORMATION					
13.1 WASTE TREATMENT METHODS	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.				

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION		
	UN NUMBER	NOT REGULATED.
14.2 UN SHIPPING NAME	NOT REGULATED.	

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

WWW.ESSICANOILS.COM

14.3 TRANSPORT HAZARD CLASS(ES)	NOT REGULATED.
14.4 PACKING GROUP	NOT REGULATED.
14.5 ENVIROMENTAL HAZARDS	NOT REGULATED.
14.6 SPECIAL PRECAUTIONS FOR USER	NOT REGULATED.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NO DATA

SECTION 15: REGULATORY INFORMATION

15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	<u>STATUTORY INSTRUMENTS</u> THE CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS 2009 (S.I 2009 No. 716). <u>APPROVED CODE OF PRACTISE</u> CLASSIFICATION AND LABELLING OF SUBSTANCES AND PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES AND PREPARATIONS. <u>GUIDANCE NOTES</u> CHIP FOR EVERYONE HSG(108). WORKPLACE EXPOSURE LIMITS EH40 <u>EU LEGISLATION</u> REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 DECEMBER 2006 CONCERNING THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No 793/93 AND COMMISSION REGULATION (EC) No 1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC AND COMMISSION DIRECTIVES 91/155/EEC, 93/67/EEC, 93/105/EC AND 2000/21/EC, INCLUDING AMENDMENTS. <u>NATIONAL REGULATIONS</u> <u>National regulations</u> France Occupational Illnesses (R-463-3, France) <table border="1" data-bbox="778 1166 1523 1215"> <thead> <tr> <th>Chemical name</th><th>French RG number</th></tr> </thead> <tbody> <tr> <td>d-Limonene 5989-27-5</td><td>RG 84</td></tr> </tbody> </table> Germany European Union Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Authorizations and/or restrictions on use: This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII) Persistent Organic Pollutants Not applicable Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable	Chemical name	French RG number	d-Limonene 5989-27-5	RG 84
Chemical name	French RG number				
d-Limonene 5989-27-5	RG 84				
15.2 CHEMICAL SAFETY ASSESSMENT	AN ASSESSMENT HAS NOT BEEN EXECUTED				

SECTION 16: OTHER INFORMATION

HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H226 - FLAMMABLE LIQUID AND VAPOR H227 - COMBUSTIBLE LIQUID H302 - HARMFUL IF SWALLOWED H303 - MAY BE HARMFUL IF SWALLOWED H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS H312 - HARMFUL IN CONTACT WITH SKIN H313 - MAY BE HARMFUL IN CONTACT WITH SKIN
---	---

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

	H315 - CAUSES SKIN IRRITATION H316 - CAUSES MILD SKIN IRRITATION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H319 - CAUSES SERIOUS EYE IRRITATION H341 - SUSPECTED OF CAUSING GENETIC DEFECTS H350 - MAY CAUSE CANCER H400 - VERY TOXIC TO AQUATIC LIFE H401 - TOXIC TO AQUATIC LIFE H402 - HARMFUL TO AQUATIC LIFE H410 - VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS H411 - TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS H412 - HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS H413 - MAY CAUSE LONG LASTING HARMFUL EFFECTS TO AQUATIC LIFE
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS	MATERIAL SAFETY DATA SHEET.
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
CAS	CHEMICAL ABSTRACT SERVICE.
IMDG	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
ADR	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
RID	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
ICAO	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
ADN	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
TREM CARD	TRANSPORT EMERGENCY CARD.
STOT	SPECIFIC TARGET ORGAN TOXICITY.

DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
26/10/2020	DATA LAUNCH
22/11/2021	UPDATE
DECEMBER 2022	EU REGULATIONS CHANGED, COMPOSITION CHANGED AND TRANSPORT HAZARDS CHANGED

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced, or transmitted in whole or in part without permission from Essican Purelife.

WWW.ESSICANOILS.COM



IFRA STATEMENT

PRODUCT NAME: **CINNAMON BARK, ESSENTIAL OIL**

PRODUCT CODE: K0129

Essican Purelife CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 50 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 50TH AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Safrole	94-59-7	0.1015	Specification Std (QRA cat)
Limonene	5989-27-5	1 - <10	Specification
Linalool	78-70-6	1 - <10	Specification
Benzyl Benzoate	120-51-4	0.1 - <1	Restriction
Eugenol	97-53-0	10 - <20	Restriction
Cinnamal	104-55-2	78.5	Specification Std (QRA cat)

Additional comments:

IFRA Category	% Maximum Use Level
IFRA Category 1	0.057
IFRA Category 2	0.018
IFRA Category 3	0.027
IFRA Category 4 A, B, C, D	0.319
IFRA Category 5 A	0.082
IFRA Category 5 B	0.054
IFRA Category 5 C	0.082
IFRA Category 5 D	0.018
IFRA Category 6	0.191
IFRA Category 7A	0.217
IFRA Category 7B	0.217
IFRA Category 8	0.018
IFRA Category 9	0.624
IFRA Category 10A	0.624
IFRA Category 10B	2.294
IFRA Category 11A	0.018

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly by visiting www.essicanoils.com. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Essican Purelife. It is the responsibility of the client to ensure the safety of the final product containing this ingredient. Please carry out additional testing if necessary.

WWW.ESSICANOILS.COM

IFRA Category 11B	0.018
IFRA Category 12	9.85

Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys.	Yes	Applicable (leave-on products)
Category 2	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, etc.). Body sprays (including body mist)	No	Applicable (leave-on products)
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer Facial make up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes or refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes	No	Applicable (leave-on products)
Category 4	Hydro alcoholic and non-hydro alcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.). Fragranced bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydro alcoholic products	No	Applicable (leave-on products)
Category 5A	Body creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to the skin). All powders and talc (excluding baby powders and talc).	No	Applicable (leave-on products)
Category 5B	Facial toner. Facial moisturizers and creams	No	Applicable (leave-on products)
Category 5C	(women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers	No	Applicable (leave-on products)
Category 5D	Baby cream/lotion, baby oil, baby powders and talc.	No	Applicable (leave-on products)
Category 6	Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets	Yes	Applicable (leave-on products)
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	No	Applicable (leave-on products)
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.). Hair styling aids non-sprays (mousse, gels, leave-on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo - Dry (waterless shampoo). Hair deodorizer	No	Applicable (leave-on products)
Category 8	Intimate wipes. Tampons. Baby wipes. Toilet paper (wet).	No	Applicable (leave-on products)
Category 9	Bar soap. Shampoo of all type. Cleanser for face (rinse-off). Conditioner (rinse-off). Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gels, foams, mousses, salts, oils and other products added to bathwater. Foot care products (feet are placed in a bath for soaking). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoos for pets	NO	Applicable (rinse-off products)
Category 10A	Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water).	NO	Applicable (rinse-off products)
Category 10B	Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump. Aerosol/spray insecticides	NO	Applicable (rinse-off products)
Category 11A	Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).	NO	Not applicable (leave-on products without UV exposure)
Category 11B	Tights with moisturizers. Scented socks, gloves. Facial tissues (dry tissues). Napkins. Paper towels. Wheat bags.	NO	Applicable (leave-on products)

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly by visiting www.essican oils.com. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Essican Purelife. It is the responsibility of the client to ensure the safety of the final product containing this ingredient. Please carry out additional testing if necessary.

WWW.ESSICANOILS.COM

	<i>Facial masks (paper/protective) e.g. surgical masks not used as medical device. Fertilizers, solid (pellet or powder).</i>		
Category 12	<i>Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals). Air delivery systems. Cat litter. Cell phone cases. Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dish wash detergent and deodorizers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Shoe polishes. Rim blocks (Toilet).</i>	NO	<i>Not applicable (non-skin contact products)</i>

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Essican Purelife regularly by visiting www.essicanoils.com. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Essican Purelife. It is the responsibility of the client to ensure the safety of the final product containing this ingredient. Please carry out additional testing if necessary.

WWW.ESSICANOILS.COM

ALLERGEN 2023 DECLARATION

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Commission Regulation (EU) 2023/1545.

K0129 Cinnamon Bark (Cosmetic) Essential Oil

Ingredient	CAS	EC	Concentration (%)
Benzaldehyde	100-52-7	202-860-4	0.0059%
Benzyl benzoate	120-51-4	204-402-9	0.4074%
Beta-Caryophyllene	87-44-5	201-746-1	0.7331%
Cinnamal	104-55-2	203-213-9	78.4723%
Eugenol	97-53-0	202-589-1	11.0816%
Eugenyl Acetate	93-28-7	202-235-6	0.2397%
Isoeugenol	5912-86-7, 97-54-1, 5932-68-3	227-633-7, 202-590-7, 227-678-2	0.0157%
Limonene	138-86-3, 7705-14-8, 5989-54-8, 5989-27-5	205-341-0, 231-732-0, 227-815-6, 227-813-5	3.2379%
Linalool	78-70-6	201-134-4	4.4783%
Pinene	80-56-8, 7785-70-8, 127-91-3, 18172-67-3	201-291-9, 232-087-8, 204-872-5, 242-060-2	0.0482%
Terpineol	8000-41-7, 98-55-5, 138-87-4, 586-81-2	232-268-1, 202-680-6, 205-342-6, 209-584-3	0.0377%

Please note components <1ppm are not shown.

Regulatory Affairs Department