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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	
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	
COMPANY ADDRESS	Ecoflores ul. Waksmundzka 34, 34-400 Nowy Targ, Poland www.ecoflores.eu tel. +48604508229,
EMAIL	kontakt @ecoflores.eu
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	
EMERGENCY CONTACTS	112

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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 (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



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](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.

SECTION 3: COMPOSITION OF INGREDIENTS

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3.1 MIXTURES	
	<p>70.0 – 80.0% CINNAMIC ALDEHYDE CAS No: 104-55-2 EC No: 203-213-9 CLASSIFICATION (EC 1272/2008) 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)</p> <p>10.0 - <20.0% EUGENOL CAS No: 97-53-0 EC No: 202-589-1 CLASSIFICATION (EC 1272/2008) AQUATIC ACUTE 2 (H401) (EFFA) SKIN SENS. 1 (H317) (EFFA) EYE IRRIT. 2 (H319) (EFFA) SKIN IRRIT. 3 (H316) (EFFA) ACUTE TOX. 5 (H303)(EFFA)</p> <p>1.0 - <10.0% LINALOOL CAS No: 78-70-6 EC No: 201-134-4 CLASSIFICATION (EC 1272/2008) AQUATIC ACUTE 3 (H402) (EFFA) EYE IRRIT. 2 (H319) (EFFA) SKIN IRRIT. 2 (H315) (EFFA) ACUTE TOX. 5 (H303)(EFFA) FLAM. LIQ. 4 (H227)(EFFA) SKIN SENS. 1B (H317) (EFFA)</p> <p>1.0 - <10.0% D-LIMONENE CAS No: 5989-27-5 EC No: 227-813-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 (H226)(EFFA) SKIN IRRIT. 2 (H315)(EFFA) SKIN SENS. 1B (H317)(EFFA) ASP. TOX. 1 (H304)(EFFA) AQUATIC ACUTE 1 (H400)(EFFA) AQUATIC CHRONIC 3 (H412)(EFFA)</p> <p>0.1 - <1.0% CARYOPHYLLENE CAS No: 87-44-5 EC No: 201-746-1 CLASSIFICATION (EC 1272/2008) SKIN SENS. 1B (H317) (EFFA) ASP. TOX. 1 (H304) (EFFA) CHRONIC AQUATIC 4 (H413) (EFFA)</p> <p>0.1 - <1.0% BENZYL BENZOATE CAS No: 120-51-4 EC No: 2044-402-9 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 (H302)(EFFA) AQUATIC ACUTE 1 (H400) (EFFA) AQUATIC CHRONIC 2 (H411) (EFFA) ACUTE TOX. 5 (H313)(EFFA)</p> <p>0.1 - <1.0% ALPHA-PHELLANDRENE CAS No: 99-83-2 EC No: 202-792-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 (H226) ASP. TOX. 1 (H304) AQUATIC CHRONIC 1 (H410) AQUATIC ACUTE 1 (H400)</p> <p>0.1 - <1.0% SAFROLE CAS No: 94-59-7 EC No: 202-345-4 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 (H302)(EFFA) MUTA. 2 (H341)(EFFA) CARC. 1B (H350)(EFFA)</p>

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	MAY CAUSE AN ALLERGIC SKIN REACTION. WASH OFF IMMEDIATELY WITH SOAP AND PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
EYE CONTACT	RINSE 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.

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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	AVOID CONTACT WITH SKIN, EYES OR CLOTHING. ENSURE ADEQUATE VENTILATION. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. EVACUATE PERSONNEL TO SAFE AREAS. KEEP PEOPLE AWAY FROM AND UPWIND OF SPILL/LEAK.												
6.2 ENVIRONMENTAL PRECAUTIONS	REVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO												
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	METHODS FOR CONTAINMENT PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. METHODS FOR CLEANING UP TAKE UP MECHANICALLY, PLACING IN APPROPRIATE CONTAINERS FOR DISPOSAL. PREVENTION OF SECONDARY HAZARDS CLEAN CONTAMINATED OBJECTS AND AREAS THOROUGHLY OBSERVING ENVIRONMENTAL REGULATIONS.												
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	<p>EXPOSURE LIMITS</p> <table border="1"> <thead> <tr> <th>Chemical name</th> <th>Cyprus</th> <th>Czech Republic</th> <th>Denmark</th> <th>Estonia</th> <th>Finland</th> </tr> </thead> <tbody> <tr> <td>d-Limonene 5989-27-5</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>TWA: 25 ppm TWA: 140 mg/m³ STEL: 50 ppm STEL: 280 mg/m³</td> </tr> </tbody> </table>	Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland	d-Limonene 5989-27-5	-	-	-	-	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 50 ppm STEL: 280 mg/m ³
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland								
d-Limonene 5989-27-5	-	-	-	-	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 50 ppm STEL: 280 mg/m ³								

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

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.

ENVIROMENTAL EXPOSURE CONTROLS

AVOID DISCHARGING INTO DRAINAGE WATER.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	CLEAR LIQUID
COLOUR	PALE YELLOW - YELLOW
ODOUR	CHARACTERISTIC
FLASH POINT (°C)	> 100°C.
REFRACTIVE INDEX @ 20 °C	1.572 – 1.616
RELATIVE DENSITY @ 25 °C	1.000 – 1.071

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SOLUBILITY IN WATER @ 20 °C	SOLUBLE IN WATER. SOLUBLE IN OIL.
9.2 OTHER INFORMATION	
9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES	NO DATA.
9.2.2 OTHER SAFETY CHARACTERISTICS	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	<p>The following values are calculated based on chapter 3.1 of the GHS document ATEmix (dermal) 1,128.50 mg/kg</p> <p>Unknown acute toxicity 19.49572 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.</p> <p>CINNAMIC ALDEHYDE ORAL LD50: 2.220 MG/KG DERMAL LD50: >2000 MG/KG (RABBIT) INHALATION LC50: 68.88 MG/L</p> <p>EUGENOL ORAL LD50: 1930 MG/KG (RAT) INHALATION LC50: 2.6 MG/L/4H AIR (NOMINAL) (RAT, OECD 403)</p> <p>LINALOOL ORAL LD50: =2790 MG/KG (RAT) DERMAL LD50: =2000 MG/KG (RABBIT), =5610 MG/KG (RAT) INHALATION LC50: >20MG/L</p> <p>D-LIMONENE DERMAL LD50: >5 G/KG (RABBIT)</p> <p>BENZYL BENZOATE ORAL LD50: >2.000 MG/KG (RAT) DERMAL LD50: 4000 MG/KG (RABBIT) INHALATION LC50: >5.57 MG/L (SIMILAR METRIALS, 4 HOURS, RAT)</p>

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	<p>ALPHA-PHELLANDRENE ORAL LD50: =5700 MG/KG (RAT)</p> <p>SAFROLE ORAL LD50: =1950 MG/KG (RAT) DERMAL LD50: >5 G/KG (RABBIT)</p>
SKIN IRRITATION	IRRITATING 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	SAFROLE EUROPEAN UNION: MUT. 2
CARCINOGENICITY	SAFROLE EUROPEAN UNION: CARC. 1B
REPRODUCTIVE TOXICITY	NO DATA.
STOT – SINGLE EXPOSURE	NOT CLASSIFIED
STOT – REPEATED EXPOSURE	NOT CLASSIFIED
ASPIRATION HAZARD	NOT CLASSIFIED
11.2 INFORMATION ON OTHER HAZARDS	NOT CLASSIFIED
SECTION 12: ECOLOGICAL INFORMATION	
12.1 TOXICITY	<p>TOXIC TO AQUATIC LIFE. HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</p> <p>UNKNOWN AQUATIC TOXICITY - CONTAINS 0.69792 % OF COMPONENTS WITH UNKNOWN HAZARDS TO THE AQUATIC ENVIRONMENT</p> <p>CINNAMIC ALDEHYDE ALGAE/AQUANTIC PLANTS: ALGAE 96 HOUR EC50 – 7.55MG/L, ALGAE 72 HOUR EC50 – 6.87MG/L FISH: 96 HOUR LC50 – 3.9MG/L (BRACHYDANIO RERIO) CRUSTACEA: 48 HOUR EC50 – 3.21MG/L (DAPHNIA MAGNA)</p> <p>EUGENOL FISH: 96 HOUR LC50 – 13MG/L (DANIO RERIO) (OECD 203) CRUSTACEA: 48 HOUR EC50 – 1.13 MG/L (DAPHNIA MAGNA) (OECD 202)</p> <p>LINALOOL ALGAE/AQUANTIC PLANTS: 88.3: 96 HOUR DESMODESMUS SUBSPICATUS MG/L EC50 FISH: 96 HOUR LC50 – 27.8MG/L (SALMO GAIRDNERI) CRUSTACEA: 48 HOUR EC50 – 59MG/L (DAPHNIA MAGNA)</p> <p>D-LIMONENE FISH: 96 HOUR LC50 – 0.7MG/L (PIMEPHALES PROMELAS) CRUSTACEA: 48 HOUR EC50 – 0.4MG/L (DAPHNIA MAGNA)</p> <p>BENZYL BENZOATE FISH: 96 HOUR LC50 – 2.32MG/L (BRACHYDANIO RERIO) CRUSTACEA: 48 HOUR EC50 – 3.09 MG/L, CHRONIC NOEC – 1.73 MG/L (DAPHNIA MAGNA)</p>
12.2 PERSISTENCE & DEGRADABILITY	NO DATA.
12.3 BIO- ACCUMULATIVE POTENTIAL	NO DATA.
12.4 MOBILITY IN SOIL	NO DATA

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12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6 ENDOCRINE DISRUPTING PROPERTIES	NO DATA.
12.7 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.
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	<p><u>STATUTORY INSTRUMENTS</u> THE CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS 2009 (S.I 2009 NO. 716).</p> <p><u>APPROVED CODE OF PRACTISE</u> CLASSIFICATION AND LABELLING OF SUBSTANCES AND PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES AND PREPARATIONS.</p> <p><u>GUIDANCE NOTES</u> CHIP FOR EVERYONE HSG(108). WORKPLACE EXPOSURE LIMITS EH40</p> <p><u>EU LEGISLATION</u> REGULATION (EC) NO 2020//878 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 DECEMBER 2006</p> <p>NATIONAL REGULATIONS</p> <p>FRANCE OCCUPATIONAL ILLNESSES (R-463-3. FRANCE) D-LIMONENE CAS No: 5989-27-5 FRENCH RG NUMBER: RG 84</p> <p>GERMANY WATER HAZARD CLASS (WGK) – SLIGHTLY HAZARDOUS TO WATER (WGK 1)</p>

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15.2 CHEMICAL SAFETY ASSESSMENT	AN ASSESSMENT HAS NOT BEEN EXECUTED
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SECTION 16: OTHER INFORMATION

HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	<p>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 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</p>
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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

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22/11/2021	UPDATE
DECEMBER 2022	EU REGULATIONS CHANGED, COMPOSITION CHANGED AND TRANSPORT HAZARDS CHANGED
21/05/2024	CHANGES IN SECTIONS 2,3,4,6,8,9, 15

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