



THE OIL FAMILY

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 LEAF, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	CINNAMOMUM ZEYLANICUM LEAF OIL IS THE VOLATILE OIL OBTAINED FROM THE LEAVES OF THE CEYLON CINNAMON, CINNAMOMUM ZEYLANICUM, LAURACEAE.				
INCI NAME	CINNAMOMUM ZEYLANICUM LEAF OIL.				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0131				
CAS-No	84649-98-9	EC No.	283-479-0	EINECS No.	283-479-0

1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY ADDRESS	O&3 Unit 2, Athelstan Business Park, Hanwell Lane, Hutton Conyers, Ripon, HG4 5BF, England.
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1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET




EMERGENCY CONTACTS	(07968 200167)
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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)	Physical hazards: Not classified Health hazards: Asp. Tox. 1 - H304, Skin Sens. 1B - H317, Eye Irrit. 2 - H319, Muta. 2 - H341, Carc. 1B - H350 Environmental hazards: Aquatic Chronic 2 - H411
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
GHS LABEL	  
SIGNAL WORD	DANGER
CONTAINS	BETA-CARYOPHYLLENE, ALPHA-PHELLANDRENE, ALPHA-PINENE, ALPHA-PHELLANDRENE, SAFROLE
HAZARDS STATEMENT	H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H317 - MAY CAUSE AN ALLERGIC SKIN REACTION. H319 - CAUSES SERIOUS EYE IRRITATION. H341 - SUSPECTED OF CAUSING GENETIC DEFECTS. H350 - MAY CAUSE CANCER. H411 - TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
PRECAUTIONARY STATEMENTS	P261 - AVOID BREATHING VAPOURS/SPRAY. P273 - AVOID RELEASE TO THE ENVIRONMENT. P280 - WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR. P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER. P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P308+P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333+P313 - IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P337+P313 - IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION. P391 - COLLECT SPILLAGE.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
2.3 OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO ADDITIONAL DATA AVAILABLE.
ADVERSE EFFECTS ON HUMAN HEALTH	NO ADDITIONAL DATA AVAILABLE.
PBT OR VPVB ACCORDING TO ANNEX XIII	NO ADDITIONAL DATA AVAILABLE.
SECTION 3: COMPOSITION OF INGREDIENTS	
3.1 SUBSTANCES	<p>≤ 83.0% EUGENOL CAS No: 97-53-0 EC No: 202-589-1 CLASSIFICATION (EC 1272/2008): EYE IRRIT. 2, H319, SKIN SENS. 1B, H317</p> <p>5.0 – 10.0% EUGENYL ACETATE CAS No: 93-28-7 EC No: 202-235-6 CLASSIFICATION (EC 1272/2008): ACUTE TOX. 4 (ORAL), H302</p> <p>1.0 – 5.0% BETA-CARYOPHYLLENE CAS No: 87-44-5 EC No: 201-746-1 CLASSIFICATION (EC 1272/2008): ASP. TOX. 1, H304, SKIN SENS. 1B, H317</p>

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≤ 4.0% BENZYL BENZOATE CLASSIFICATION (EC 1272/2008):	CAS No: 120-51-4 EC No: 204-402-9 ACUTE TOX. 4 (ORAL), H302, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 2, H411
1.0 – 5.0% CINNAMYL ACETATE CLASSIFICATION (EC 1272/2008):	CAS No: 103-54-8 EC No: 203-121-9 NOT CLASSIFIED
≤ 3.1% LINALOOL CLASSIFICATION (EC 1272/2008):	CAS No: 78-70-6 EC No: 201-134-4 EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317
≤ 2.0% CINNAMALDEHYDE (CINNAMAL) CLASSIFICATION (EC 1272/2008):	CAS No: 104-55-2 EC No: 203-213-9 ACUTE TOX. 4 (DERMAL), H312, EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1A, H317
1.0 – 5.0% ALPHA-PHELLANDRENE CLASSIFICATION (EC 1272/2008):	CAS No: 99-83-2 EC No: 202-792-5 ASP. TOX. 1, H304, FLAM. LIQ. 3, H226
1.0 – 5.0% ALPHA-PINENE CLASSIFICATION (EC 1272/2008):	CAS No: 80-56-8 EC No: 201-291-9 ASP. TOX. 1, H304, ACUTE TOX. 4 (ORAL), H302, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 1, H410, FLAM. LIQ. 3, H226, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317
≤ 1.3% SAFROLE CLASSIFICATION (EC 1272/2008):	CAS No: 94-59-7 EC No: 202-345-4 ACUTE TOX. 4 (ORAL), H302, CARC. 1B, H350, MUTA. 2, H341
1.0 – 2.5% P-CYMENE CLASSIFICATION (EC 1272/2008):	CAS No: 99-87-6 EC No: 202-796-7 ASP. TOX. 1, H304, REPR. 2, H361, AQUATIC CHRONIC 2, H411, FLAM. LIQ. 3, H226
≤ 1.0% CARYOPHYLLENE OXIDE CLASSIFICATION (EC 1272/2008):	CAS No: 1139-30-6 EC No: 214-519-7 AQUATIC CHRONIC 2, H411
≤ 1.0% CAMPHENE CLASSIFICATION (EC 1272/2008):	CAS No: 79-92-5 EC No: 201-234-8 EYE IRRIT. 2, H319, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 1, H410, FLAM. SOL. 2, H228
≤ 0.6% D-LIMONENE CLASSIFICATION (EC 1272/2008):	CAS No: 5989-27-5 EC No: 227-813-5 ASP. TOX. 1, H304, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 1, H410, SKIN SENS. 1B, H317 FLAM. LIQ. 3, H226, SKIN IRRIT. 2, H315,
≤ 1.0% BETA-PINENE CLASSIFICATION (EC 1272/2008):	CAS No: 127-91-3 EC No: 204-872-5 ASP. TOX. 1, H304, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 1, H410, SKIN SENS. 1B, H317 FLAM. LIQ. 3, H226, SKIN IRRIT. 2, H315,
≤ .01% ALPHA-TERPINEOL CLASSIFICATION (EC 1272/2008):	CAS No: 98-55-5 EC No: 202-680-6 EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315
≤ 1.0% BETA-PHELLANDRENE CLASSIFICATION (EC 1272/2008):	CAS No: 555-10-2 EC No: 209-081-9 ASP. TOX. 1, H304, FLAM. LIQ. 3, H226
≤ 1.0% EUCALYPTOL CLASSIFICATION (EC 1272/2008):	CAS No: 470-82-6 EC No: 207-431-5 FLAM. LIQ. 3, H226, SKIN SENS. 1B, H317
≤ 0.20% ISOEUGENOL CLASSIFICATION (EC 1272/2008):	CAS No: 97-54-1 EC No: 202-590-7 ACUTE TOX. 4 (DERMAL), H312, ACUTE TOX. 4 (INHALATION), H332, ACUTE TOX. 4 (ORAL), H302, EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1A, H317, STOT SE 3, H335

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≤ 0.20% BENZALDEHYDE CLASSIFICATION (EC 1 272/2008):	CAS No: 100-52-7 ACUTE TOX. 4 (INHALATION), H332, ACUTE TOX. 4 (ORAL), H302, EYE IRRIT. 2, H319, STOT SE 3, H335
≤ 0.20% CINNAMYL ALCOHOL CLASSIFICATION (EC 1 272/2008): CHRONIC 2, H411	CAS No: 104-54-1 SKIN SENS. 1B, H317, ACUTE TOX. 4 (ORAL), H302, AQUATIC

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES	
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
INHALATION	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
INGESTION	DO NOT INDUCE VOMITING. IMMEDIATELY RINSE MOUTH AND PROVIDE FRESH AIR. GET MEDICAL ADVICE/ATTENTION.
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
EYE CONTACT	IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR UP TO 15 MINUTES. REMOVE ANY CONTACT LENSES AND OPEN EYES WIDE APART. GET MEDICAL ADVICE/ATTENTION. CONTINUE TO RINSE.
4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	SYMPTOMS/EFFECTS AFTER SKIN CONTACT : MAY CAUSE AN ALLERGIC SKIN REACTION. SYMPTOMS/EFFECTS AFTER EYE CONTACT : EYE IRRITATION.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPTOMATICALLY.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MATERIAL	SUITABLE EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM. UNSUITABLE EXTINGUISHING MEDIA: DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS MAY SCATTER AND SPREAD FIRE.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO HEALTH. DO NOT BREATHE IN SMOKE. THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS MAY INCLUDE THE FOLLOWING SUBSTANCES: CARBON DIOXIDE (CO ₂), CARBON MONOXIDE (CO), OTHER TOXIC GASES. CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.
5.3 ADVICE FOR FIRE-FIGHTERS	AVOID INHALATION OF GENERATED FUMES OR VAPOURS. WEAR SELF-CONTAINED BREATHING APPARATUS AND APPROPRIATE PROTECTIVE CLOTHING.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS	WEAR PROTECTIVE CLOTHING AS DESCRIBED IN SECTION 8 OF THIS SAFETY DATA SHEET. HANDLE THE PRODUCT USING PROTECTIVE GLOVES RESISTANT TO THE CHEMICALS EXPOSED. AVOID CONTACT WITH SKIN AND INHALATION OF ITS VAPOURS. MAINTAIN ADEQUATE VENTILATION IN THE WORKING AREA AFTER SPILLING.
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	REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.
6.4 REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 7, 8. REFER & CONSIDER SECTION 13.

SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE-HANDLING	ENSURE GOOD VENTILATION OF THE WORK STATION. OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. TAKE ALL NECESSARY TECHNICAL MEASURES TO AVOID OR MINIMIZE THE RELEASE OF THE PRODUCT ON THE WORKPLACE. LIMIT QUANTITIES OF PRODUCT AT THE MINIMUM NECESSARY FOR HANDLING AND LIMIT THE NUMBER OF EXPOSED WORKERS. PROVIDE LOCAL EXHAUST OR GENERAL ROOM VENTILATION. WEAR PERSONAL PROTECTIVE EQUIPMENT. FLOORS, WALLS AND OTHER SURFACES IN THE HAZARD AREA MUST BE CLEANED REGULARLY. AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.
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	SEPARATE WORKING CLOTHES FROM TOWN CLOTHES. LAUNDER SEPARATELY. CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. WASH CONTAMINATED CLOTHING BEFORE REUSE. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. ALWAYS WASH HANDS AFTER HANDLING THE PRODUCT.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.
7.3 SPECIFIC END USE(S)	NO DATA.
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION	
8.1 CONTROL PARAMETERS	NO ADDITIONAL DATA AVAILABLE.
8.2 EXPOSURE CONTROLS	
EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
HAND PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
RESPIRATORY EQUIPMENT	UNDER NORMAL CONDITIONS OF USE AND WHERE ADEQUATE VENTILATION IS AVAILABLE TO PREVENT BUILD UP OF EXCESSIVE VAPOUR, THIS MATERIAL SHOULD NOT REQUIRE SPECIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR PROLONGED USE, OR HIGH TEMPERATURE OR OTHER CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING CONTROLS CAN BE USED TO MINIMISE EXPOSURE TO PERSONNEL: A) INCREASE VENTILATION OF THE AREA WITH LOCAL EXHAUST VENTILATION. B) PERSONNEL CAN USE AN APPROVED, APPROPRIATELY FITTED RESPIRATOR WITH ORGANIC VAPOUR CARTRIDGE OR CANISTERS AND PARTICULATE FILTERS. C) USE CLOSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO REFER TO SECTIONS 2 AND 7.
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS. DO NOT EAT, DRINK OR SMOKE DURING USE. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USING.
ENGINEERING MEASURES	PROVIDE ADEQUATE VENTILATION.
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.
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. ONLY ELIMINATE BY AUTHORISED COMPANIES.
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	
9.1 PHYSICAL & CHEMICAL PROPERTIES	
APPEARANCE	MOBILE OILY LIQUID
COLOUR	YELLOW BROWN – DARK YELLOW.
ODOUR	CHARACTERISTIC.
RELATIVE DENSITY	APPROX 1.040 @ 20°C
FLASH POINT (°C)	88°C
REFRACTIVE INDEX @ 20 °C	APPROX. 1.560 @ 20°C

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SOLUBILITY IN WATER @ 20 °C	INSOLUABLE IN WATER.
9.2 OTHER INFORMATION	
9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES	NO DATA.
9.2.2 OTHER SAFETY CHARACTERISTICS	BOILING POINT (°C): 245.7 AUTO-IGNITION TEMPERATURE (°C): 380.0
SECTION 10: STABILITY & REACTIVITY	
10.1 REACTIVITY	PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS, BY ITSELF OR IN CONTACT WITH WATER. STABLE UNDER NORMAL TEMPERATURE AND STORAGE CONDITIONS AND RECOMMENDED USE.
10.2 CHEMICAL STABILITY	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	NOT EXPECTED UNDER NORMAL CONDITIONS OF USE.
10.4 CONDITIONS TO AVOID	KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. PREVENT STORING THE PRODUCT IN OPEN CONTAINERS FOR LONG PERIODS SO AS TO PREVENT PRODUCT DETERIORATION.
10.5 INCOMPATIBLE MATERIALS	AVOID CONTACT WITH STRONG ACIDS, ALKALIS OR OXIDISING AGENTS.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	NOT EXPECTED UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE. THERMAL DECOMPOSITION MAY RELEASE/FORM OXIDES OF CARBON (CARBON MONOXIDE, CARBON DIOXIDE) AND OTHER TOXIC GASES.

SECTION 11: TOXICOLOGICAL INFORMATION	
11.1 TOXICOLOGICAL EFFECTS	
ACUTE TOXICITY	<p>NOT CLASSIFIED.</p> <p>CINNAMON LEAF OIL (84649-98-9)</p> <p>LD50 ORAL RAT 2650 MG/KG BODYWEIGHT</p> <p>LD50 DERMAL RAT > 5000 MG/KG BODYWEIGHT</p> <p>ALPHA-PINENE (80-56-8)</p> <p>LD50 ORAL 500 MG/KG BODYWEIGHT</p> <p>P-CYME (99-87-6)</p> <p>LD50 ORAL 4750 MG/KG BODYWEIGHT</p> <p>LINALOOL (78-70-6)</p> <p>LD50 ORAL 2790 MG/KG BODYWEIGHT</p> <p>ALPHA-TERPINEOL (98-55-5)</p> <p>LD50 ORAL 4300 MG/KG BODYWEIGHT</p> <p>SAFROLE (94-59-7)</p> <p>LD50 ORAL 1950 MG/KG BODYWEIGHT</p> <p>CINNAMALDEHYDE (104-55-2)</p> <p>LD50 ORAL 2500 MG/KG BODYWEIGHT</p> <p>LD50 DERMAL 1100 MG/KG BODYWEIGHT</p> <p>CINNAMYL ACETATE (103-54-8)</p> <p>LD50 ORAL 3330 MG/KG BODYWEIGHT</p> <p>EUGENOL (97-53-0)</p> <p>LD50 ORAL 2500 MG/KG BODYWEIGHT</p> <p>EUGENYL ACETATE (93-28-7)</p> <p>LD50 ORAL 1670 MG/KG BODYWEIGHT</p> <p>CINNAMYL ALCOHOL (104-54-1)</p> <p>LD50 ORAL 2500 MG/KG BODYWEIGHT</p> <p>ISOEUGENOL (97-54-1)</p> <p>LD50 ORAL 1500 MG/KG BODYWEIGHT</p>

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	LD50 DERMAL BENZYL BENZOATE (120-51-4)	1912 MG/KG BODYWEIGHT
	LD50 ORAL	1500 MG/KG BODYWEIGHT
	LD50 DERMAL BENZALDEHYDE (100-52-7)	4000 MG/KG BODYWEIGHT
	LD50 ORAL	1430 MG/KG BODYWEIGHT
	EUCALYPTOL (470-82-6)	
	LD50 ORAL	2480 MG/KG BODYWEIGHT
	SKIN IRRITATION	NOT CLASSIFIED.
	EYE DAMAGE OR IRRITATION	CAUSES SERIOUS EYE IRRITATION.
	RESPIRATORY OR SKIN SENSITIVITY	SKIN - MAY CAUSE AN ALLERGIC SKIN REACTION.
	GERM CELL MUTAGENICITY	SUSPECTED OF CAUSING GENETIC DEFECTS.
	CARCINOGENICITY	MAY CAUSE CANCER.
	REPRODUCTIVE TOXICITY	NOT CLASSIFIED.
	STOT – SINGLE EXPOSURE	NOT CLASSIFIED.
	STOT – REPEATED EXPOSURE	NOT CLASSIFIED.
	ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
11.2 INFORMATION ON OTHER HAZARDS		NO DATA.
SECTION 12: ECOLOGICAL INFORMATION		
12.1 TOXICITY	ECOLOGY - GENERAL : ACUTE AQUATIC TOXICITY : CHRONIC AQUATIC TOXICITY : CINNAMON LEAF OIL (84649-98-9) EC50 DAPHNIA 1 EC50 72H ALGAE (1)	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. NOT CLASSIFIED TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. 1.6 MG/L 17 MG/L
12.2 PERSISTENCE & DEGRADABILITY		NO ADDITIONAL DATA AVAILABLE.
12.3 BIO- ACCUMULATIVE POTENTIAL		NO ADDITIONAL DATA AVAILABLE.
12.4 MOBILITY IN SOIL		NO ADDITIONAL DATA AVAILABLE.
12.5 RESULTS OF PBT & VPVB ASSESSMENT		NO ADDITIONAL DATA AVAILABLE.
12.6 ENDOCRINE DISRUPTING PROPERTIES		NO ADDITIONAL DATA AVAILABLE.
12.7 OTHER ADVERSE EFFECTS		NO ADDITIONAL DATA AVAILABLE.
SECTION 13: DISPOSAL INFORMATION		
13.1 WASTE TREATMENT METHODS		DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS. WASTE: WASTE MANAGEMENT IS CARRIED OUT WITHOUT ENDANGERING HUMAN HEALTH, WITHOUT HARMING THE ENVIRONMENT AND, IN PARTICULAR WITHOUT RISK TO WATER, AIR, SOIL, PLANTS OR ANIMALS. RECYCLE OR DISPOSE OF WASTE IN COMPLIANCE WITH CURRENT LEGISLATION, PREFERABLY VIA A CERTIFIED COLLECTOR OR COMPANY. DO NOT CONTAMINATE THE GROUND OR WATER WITH WASTE. DO NOT DISPOSE OF WASTE INTO THE ENVIRONMENT. SOILED PACKAGING: EMPTY CONTAINER COMPLETELY. KEEP LABEL(S) ON CONTAINER. DISPOSE OF VIA A CERTIFIED DISPOSAL CONTRACTOR.

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SECTION 14: TRANSPORT INFORMATION	
14.1 TRANSPORT INFORMATION	
UN NUMBER	ROAD: 3082 RAIL: 3082 AIR: 3082
14.2 UN SHIPPING NAME	ENVIRONMENTALLY HAZARD SUBSTANCE LIQUID, N.O.S (BENZYL BENZOATE)
14.3 TRANSPORT HAZARD CLASS(ES)	<p>ADR/RID</p> <p>CLASSIFICATION CODE (ADR): M6 SPECIAL PROVISIONS (ADR): 274, 335, 375, 601 LIMITED QUANTITIES (ADR): 5L EXCEPTED QUANTITIES (ADR): E1 PACKING INSTRUCTIONS (ADR): P001, IBC03, LP01, R001 SPECIAL PACKING PROVISIONS (ADR): PP1 MIXED PACKING PROVISIONS (ADR): MP19 PORTABLE TANK AND BULK CONTAINER INSTRUCTIONS (ADR): T4 PORTABLE TANK AND BULK CONTAINER SPECIAL PROVISIONS (ADR): TP1, TP29 TANK CODE (ADR): LGBV VEHICLE FOR TANK CARRIAGE: AT TRANSPORT CATEGORY (ADR): 3 SPECIAL PROVISIONS FOR CARRIAGE - PACKAGES (ADR): V12 SPECIAL PROVISIONS FOR CARRIAGE - LOADING, UNLOADING AND HANDLING (ADR): CV13 HAZARD IDENTIFICATION NUMBER (KEMLER NO.): 90 EMERGENCY ACTION CODE: *3Z</p> <p>IMDG</p> <p>IMDG: CLASS 9 SPECIAL PROVISIONS (IMDG): 274, 335, 969 LIMITED QUANTITIES (IMDG): 5 L EXCEPTED QUANTITIES (IMDG): E1 PACKING INSTRUCTIONS (IMDG): LP01, P001 SPECIAL PACKING PROVISIONS (IMDG): PP1 IBC PACKING INSTRUCTIONS (IMDG): IBC03 TANK INSTRUCTIONS (IMDG): T4 TANK SPECIAL PROVISIONS (IMDG): TP2, TP29 EMS-NO. (FIRE): F-A EMS-NO. (SPILLAGE): S-F STOWAGE CATEGORY (IMDG): A</p> <p>ICAO/IATA</p> <p>ICAO/IATA: CLASS 9 IATA PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. PCA EXCEPTED QUANTITIES (IATA): E1 PCA LIMITED QUANTITIES (IATA): Y964 PCA LIMITED QUANTITY MAX NET QUANTITY (IATA): 30KGG PCA PACKING INSTRUCTIONS (IATA): 964 PCA MAX NET QUANTITY (IATA): 450L CAO PACKING INSTRUCTIONS (IATA): 964 CAO MAX NET QUANTITY (IATA): 450L SPECIAL PROVISIONS (IATA): A97, A158, A197 ERG CODE (IATA): 9L</p> <p>TRANSPORT LABEL:</p> 
14.4 PACKING GROUP	ADR/RID PACKING GROUP: III

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	IMDG PACKING GROUP: III ICAO PACKING GROUP: III
14.5 ENVIRONMENTAL HAZARDS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT. 
14.6 SPECIAL PRECAUTIONS FOR USER	SEE SECTIONS 6 – 8.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NOT APPLICABLE.
SECTION 15: REGULATORY INFORMATION	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
EU DIRECTIVES	REGULATION (EC) No 2020/878 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No793/93 & COMMISSION REGULATION (EC) No1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 No 716).
APPROVED CODE OF PRACTICE	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 CHEMICAL SAFETY ASSESSMENT	-

SECTION 16: OTHER INFORMATION	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H226 FLAMMABLE LIQUID AND VAPOUR. H228 FLAMMABLE SOLID. H302 HARMFUL IF SWALLOWED. H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H312 HARMFUL IN CONTACT WITH SKIN. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H332 HARMFUL IF INHALED. H335 MAY CAUSE RESPIRATORY IRRITATION. H341 SUSPECTED OF CAUSING GENETIC DEFECTS. H350 MAY CAUSE CANCER. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
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.

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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
10 TH APRIL 2018	DATA LAUNCH
OCTOBER 2020	REVIEW
2021	REVIEW
JANUARY 2023	REVIEW

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