

Essential Oils

Citronella, Essential Oil





VEGAN

CRUELTY-FREE

What can it be used in?

Body Balm **Body Cleanser** Body Mist

Body Gel **Body Salve**

Body Soap

Body Care

Body Serum **Body Toner**

Product code 9502216248623

Manufacturing Method Steam Distilled

Origin Indonesia

Scent Citrus

Colour

Gold-Yellow, Yellow

INCI Listing

Cymbopogon Winterianus Herb

Oil

CAS Number 91771-61-8

EINCS 294-954-7

Customs Tariff Code 3301294900

Related Products

K0135

Skin Benefits

Citronella Essential Oil is known for its refreshing citrusy aroma that helps create an uplifting and invigorating atmosphere. It is commonly used in candles, soaps, insect repellents, perfumes, aromatherapy, and skin care products. The oil has insect-repelling properties, making it a popular choice for outdoor products. Citronella Essential Oil contains various monoterpenes, including citronellal, geraniol, citronellol, limonene, geranyl acetate, and camphene, which contribute to its characteristic scent and functional properties.

Hair Benefits

Citronella Essential Oil can help promote a fresh and clean scalp environment. Its refreshing aroma can also help mask unpleasant odors. Additionally, Citronella Essential Oil has insect-repelling properties, which can help deter insects and pests from the hair and scalp. It can be incorporated into hair care products such as shampoos, conditioners, and scalp treatments to promote a healthy scalp and provide a pleasant scent.



Functionality

Anti-Inflammatory

Powerful anti-inflammatory properties help soothe and calm irritated skin, reducing redness and inflammation, whilst providing relief from discomfort and promoting a balanced complexion for healthier-looking skin.

Antimicrobial

With potent antimicrobial features, it effectively combats harmful microbes, preventing infections and promoting skin health. It supports a clean and clear complexion, safeguarding against unwanted bacteria.



MANUFACTURING FLOW & INCI STATEMENT

PRODUCT NAME: CITRONELLA, ESSENTIAL OIL

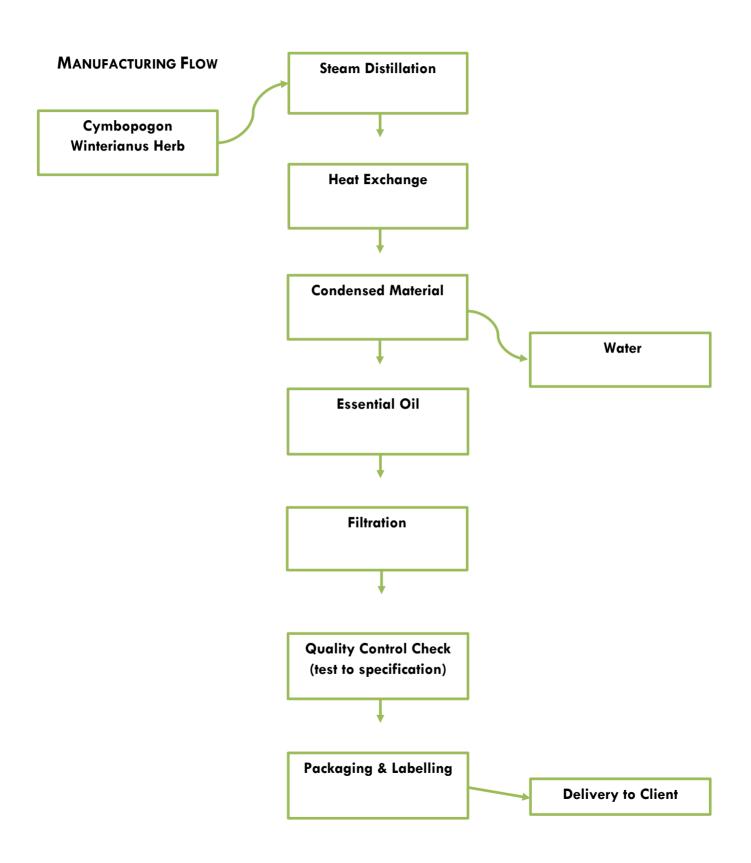
PRODUCT CODE: 9502216248623

INCI STATEMENT

Youwish can hereby confirm the following composition breakdown & manufacturing process flow.

INCI Name	% Inclusion	CAS Number	
Cymbopogon Winterianus Herb Oil	100	91771-61-8	







SPECIFICATION SHEET

PRODUCT NAME: CITRONELLA, ESSENTIAL OIL

PRODUCT INCI: CYMBOPOGON WINTERIANUS HERB OIL

PRODUCT CODE: 9502216248623

CAS NUMBER: 91771-61-8 EINECS NUMBER: 294-954-7

MANUFACTURING METHOD: STEAM DISTILLATION

SHELF LIFE / BEST BEFORE: 24 MONTHS

ANALYTICAL DETAILS	Range		
Appearance	Liquid		
COLOUR PALE YELLOW — BROWNISH YELLOW			
Odour	CHARACTERISTIC		
SPECIFIC GRAVITY @ 20°C	0.850 – 0.950		
Refractive Index @ 20°C	1.450 – 1.490		
Optical Rotation (°C)	-9.0 to +18.0		

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DATE	ISSUED BY	VERSION	REASON FOR UPDATE
13/05/2024	J. G	4.0	Ranges and colour
			updated.



IFRA STATEMENT

PRODUCT NAME: CITRONELLA, ESSENTIAL OIL

PRODUCT INCI: CYMBOPOGON WINTERIANUS HERB OIL

PRODUCT CODE: 9502216248623

Youwish 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 50^{th} Amendment of the IFRA Code of Practice:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 5.0	Specification
Linalool	78-70-6	≤ 2.0	Specification
Citral	5392-40-5	≤ 2.0	Restriction
Citronellol	106-22-9	≤ 20.0	Restriction
Citronellal	106-23-0	≤ 45.0	Restriction
Eugenol	97-53-0	≤ 2.0	Restriction
Farnesol	4602-84-0	≤ 1.0	Restriction, Specification
Farnesal	19317-11-4	≤ 0.01	Restriction
Geraniol	106-24-1	≤ 30.0	Restriction
Isoeugenol	97-54-1	≤ 1.0	Restriction

Additional comments:

Flavour use consideration - Due to the possible ingestion of small amounts of fragrance ingredients from their use in products in Categories 1 and 6, materials must not only comply with IFRA Standards but must also be recognized as safe as a flavouring ingredient as defined by the IOFI Code of Practice (www.iofi.org). For more details see chapter 1 of the Guidance for the use of IFRA Standards.

Farnesol should only be used as a fragrance ingredient if it contains a minimum of 96% of farnesol isomers as determined by GLC.



IFRA Category	% Maximum Use Level
IFRA Category 1	0.91
IFRA Category 2	0.36
IFRA Category 3	0.06
IFRA Category 4	1.09
IFRA Category 5A	0.73
IFRA Category 5B	0.11
IFRA Category 5C	0.22
IFRA Category 5D	0.04
IFRA Category 6	1.82
IFRA Category 7A	0.17
IFRA Category 7B	0.17
IFRA Category 8	0.04
IFRA Category 9	3.11
IFRA Category 10A	3.11
IFRA Category 10B	5.11
IFRA Category 11A	0.04
IFRA Category 11B	0.04
IFRA Category 12	Not restricted

IFRA Category	Product Type	Flavour Use	Phototoxicity
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. Facial masks (paper/protective) e.g. surgical masks not used as medical device. Fertilizers, solid (pellet or powder).	NO	Applicable (leave- on products)
Category 12	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).	NO	Not applicable (non-skin contact products)



ALLERGEN STATEMENT

PRODUCT NAME: CITRONELLA, ESSENTIAL OIL

PRODUCT CODE: 9502216248623

COSMETIC ALLERGENS

Annex Illa		CACAUINADED	TOTAL ALLERGEN	
Reference:		CAS NUMBER:	INCLUSION (%):	
67	AMYL CINNAMAL	122-40-7	0.000	
68	BENZYL ALCOHOL	100-51-6	0.000	
69	CINNAMYL ALCOHOL	104-54-1	0.000	
70	CITRAL	5392-40-5	≤ 2.0	
71	EUGENOL	97-53-0	≤ 2.0	
72	HYDROXY-CITRONELLAL	107-75-5	0.000	
73	ISO EUGENOL	97-54-1	≤ 1.0	
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.000	
75	BENZYL SALICYLATE	118-58-1	0.000	
76	CINNAMAL	104-55-2	0.000	
77	COUMARIN	91-64-5	0.000	
78	GERANIOL	106-24-1	≤ 30.0	
70	HYDROXYISOHEXYL 3-CYCLOHEXENE	24006.04.4	0.000	
79	CARBOXALDEHYDE	31906-04-4	0.000	
80	ANISE ALCOHOL	105-13-5	0.000	
81	BENZYL CINNAMATE	103-41-3	0.000	
82	FARNESOL	4602-84-0	≤ 1.0	
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.000	
84	LINALOOL	78-70-6	≤ 2.0	
85	BENZYL BENZOATE	120-51-4	0.000	
86	CITRONELLOL	106-22-9	≤ 20.0	
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000	
88	LIMONENE	5989-27-5	≤ 5.0	
89	METHYL 2-OCTYNOATE	111-12-6	0.000	
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.000	
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.000	
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.000	



FOOD ALLERGENS

Annex Illa		PRESENT IN	CONTAMINATION	FACTORY
Reference:		PRODUCT:	PRESENCE:	PRESENCE:
1	CEREALS (CONTAINING GLUTEN)	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	YES
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
13	LUPIN	NO	NO	NO
14	MOLLUSC	NO	NO	NO



Material Safety Data Sheet

EU Regulation: 2020/878

SECTION 1: IDENTIFICATION OF	THE SUBSTANCE	/MIXTURE	AND OF THE COMPANY	/UNDERTAKING	
I.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	CITRONELLA, ESSENT	TIAL OIL			
BIOLOGICAL DEFINITION	Cymbopogon Wi Winterianus, Gra		rb Oil is an essential oil ob	ITAINED FROM THE HERBS	of the plant, Cymbopogon
INCI NAME	Cymbopogon Winterianus herb oil				
SYNONYMS & TRADE NAMES	CITRONELLA OIL CHINESE				
INTERNAL PRODUCT CODE	950221624862	3			
CAS-No	91771-61-8	EC No.	294-954-7	EINECS No.	294-954-7
I.2 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET				
COMPANY ADDRESS	Youwish Transistorstraat 91-021, 322CL, Almere, The Netherlands				
EMAIL	contact@youwish.r	ıl			
.3 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET				
EMERGENCY CONTACTS	+31 36 2036384				



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)	PHYSICAL HAZARDS: NOT CLASSIFIED HEALTH HAZARDS: ACUTE TOX. 4 – H302, ASP. TOX. 1 – H304, SKIN SENS. 1B - H317, EYE DAM. 1 – H318 ENVIRONMENTAL HAZARDS: AQUATIC CHRONIC 2 - H411 *SEE SECTION 16 FOR OTHER INFORMATION ON PRODUCT CLASSIFICATION.
2.2 Label Elements	Label in accordance with Regulation (EC) No 1272/2008.
GHS LABEL	GHS05 GHS07 GHS08 GHS09
Signal Word	DANGER.
Contains	D-LIMONENE, BETA-CARYOPHYLLENE
HAZARDS STATEMENT	H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H317: May cause an allergic skin reaction. H318 Causes serious eye damage. 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. P310 IMMEDIATELY CALL A POISON CENTER/DOCTOR. P331 DO NOT INDUCE VOMITING. P391 COLLECT SPILLAGE. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 Wash hands and exposed skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace.
:	SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.
2.3 Other Hazards	
Adverse physio-chemical properties	NOT CLASSIFIED AS PBT OR VPVB.
Adverse effects on human health	NO ADDITIONAL DATA AVAILABLE.
PBT OR VPVB ACCORDING TO ANNEX XIII	No Additional Data Available.
SECTION 3: COMPOSITION OF INGREDIEN	ITS
	≤ 45.00% CITRONELLAL CAS NO: 106-23-0 EC NO: 203-376-6 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2- H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319
3.1 Substance	≤ 30.00% GERANIOL CAS NO: 106-24-1 EC NO: 203-377-1 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, EYE DAM. 1 - H318
	≤ 20.00% CITRONELLOL CAS NO: 106-22-9 EC NO: 203-375-0 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, EYE IRRIT. 2 - H319



≤ 6.50% BETA-CARYOPHYLLENE CAS NO: 87-44-5 EC NO: 201-746-1
CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304, SKIN SENS. 1B - H317, AQUATIC CHRONIC 4 - H413

2.00 – 4.00% GERANYL ACETATE CAS NO: 105-87-3 EC NO: 203-341-5 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC CHRONIC 3 - H412

1.00 – 4.00% CITRONELLYL ACETATE CAS NO: 150-84-5 EC NO: 205-775-0 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, AQUATIC CHRONIC 2 - H411

≤ 5.00 % D-LIMONENE CAS NO: 5989-27-5 EC NO: 227-813-5

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

≤ 3.00% Neo Iso Pulegol CAS No: 96612-21-4 EC No: CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319

≤ 2.00% Iso Pulegol CAS No: 89-79-2 EC No: 201-940-6
CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319

≤ 2.00% CITRAL CAS NO: 5392-40-5 EC NO: 226-394-6
CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319

 \leq 2.00% EUGENOL CAS NO: 97-53-0 EC NO: 202-589-1 CLASSIFICATION (EC 1272/2008) SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319

≤ 2.00% Linalool CAS No: 78-70-6 EC No: 201-134-4 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319

≤ 1.00 % NEROL CAS NO: 106-25-2 EC NO: 203-378-7
CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 – H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 – H319

≤ 1.00% NERYL ACETATE CAS NO: 141-12-8 EC NO: 205-459-2 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315; SKIN SENS. 1B - H317, AQUATIC CHRONIC 3 - H412

 \leq 1.00% Farnesol CAS No: 4602-84-0 EC No: 225-004-1 Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

≤ 1.00% DECANAL CAS NO: 112-31-2 EC NO: 203-957-4 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2 - H319, AQUATIC CHRONIC 3 - H412

SECTION 4: FIRST AID MEASURES	
4.1	
DESCRIPTION OF FIRST AID MEASURES	
GENERAL INFORMATION	ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES.
GENERAL INFORMATION	SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE
INHALATION	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any
INHALATION	DISCOMFORT CONTINUES.
Ingestion	INGESTION MAY CAUSE NAUSEA AND VOMITING. SEEK MEDICAL ATTENTION IF IRRITATION OR SYMPTOMS PERSIST. DO NOT INDUCE
INGESTION	VOMITING.
Signi Caniza az	REMOVE AFFECTED PERSON FROM SOURCE OF CONTAMINATION. REMOVE CONTAMINATED CLOTHING. WASH THE SKIN
SKIN CONTACT	IMMEDIATELY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF ANY DISCOMFORT CONTINUES.
	REMOVE VICTIM IMMEDIATELY FROM SOURCE OF EXPOSURE. MAKE SURE TO REMOVE ANY CONTACT LENSES FROM THE EYES BEFORE
EYE CONTACT	RINSING. PROMPTLY WASH EYES WITH PLENTY OF WATER WHILE LIFTING THE EYE LIDS. CONTINUE TO RINSE FOR AT LEAST 15
	MINUTES AND GET MEDICAL ATTENTION.
4.2	NO ADDITIONAL DATA AVAILABLE.
MOST IMPORTANT SYMPTOMS & FEFFCTS (ACLITE &	

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DELAYED)		
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPTOMATICALLY.	
SECTION 5: FIRE FIGHTING MEASURES		
5.1 FOAM, CO2, DRY CHEMICAL POWDER.		
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES	
5.3 Advice for fire-fighters	AVOID INHALATION OF GENERATED FUMES OR VAPOURS. WEAR SELF-CONTAINED BREATHING APPARATUS AND APPROPRIATI PROTECTIVE CLOTHING.	
SECTION 6: ACCIDENTAL RELEASE MEAS	SURES	
6.1 PERSONAL PRECAUTIONS WEAR PROTECTIVE CLOTHING AS DESCRIBED IN SECTION 8 OF THIS SAFETY DATA SHEET. HANDLE THE PRODUCT PROTECTIVE GLOVES RESISTANT TO THE CHEMICALS EXPOSED. AVOID CONTACT WITH SKIN AND INHALATION OF SMOKE. MAINTAIN ADEQUATE VENTILATION IN THE WORKING AREA AFTER SPILLING.		
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND.	
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH, VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS E.G. SAND, DIATOMACEOUS E.G. SAND, DIATOMACEOUS E.G. SAND, DIATOMACEOU		
REFER & CONSIDER SECTIONS 7, 8 & 13.		
SECTION 7: HANDLING & STORAGE		
SECTION / . HANDLING & STORAGE		
AVOID CONTACT WITH SKIN, EYES AND CLOTHING. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USE EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WEAR PERSONAL PROTECTIVE EQUIPMENT. DO NOT BREATHE V SPRAY MIST. USE ONLY IN AREA PROVIDED WITH ADEQUATE VENTILATION		
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES STORE IN TIGHTLY CLOSED ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP IN ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED PLACE. WE WAS A DRY OR		
.3 SUITABLE FOR COSMETIC, FLAVOUR, FRAGRANCE AND PROFESSIONAL USE ONLY. PECIFIC END USE(S)		
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION		
8.1 Control Parameters	No additional information available.	
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	IN WELL VENTILATED AREAS, RESPIRATORY PROTECTION IS NOT NORMALLY REQUIRED. IN CONFINED, POORLY VENTILATED AREAS THE USE OF NIOSH APPROVED RESPIRATORY PROTECTION NORMALLY REQUIRED (USE ONLY IF TRAINED IN PROPER USE AND WITH ACCEPTABLE OXYGEN LEVEL).	
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 VENTILIATION.	
SKIN PROTECTION	WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. WORK CLOTHING WORN BY PERSONNEL SHOULD BE LAUNDERED REGULARLY. AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN EXPOSED MUST BE WASHED THOROUGHLY.	
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. ONLY ELIMINATE BY AUTHORISED COMPANIES.	
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES		
9.1 PHYSICAL & CHEMICAL PROPERTIES		
APPEARANCE	LIQUID	

9.1 PHYSICAL & CHEMICAL PROPERTIES	
Appearance	Liquid
COLOUR	COLOURLESS — PALE YELLOW — BROWNISH YELLOW
ODOUR	CHARACTERISTIC
RELATIVE DENSITY @ 20°C	Approx. 0.900 @ 20°C
FLASH POINT (°C)	75°C.
Refractive Index @ 20 °C	Approx. 1.470 @ 20°C
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER.
9.2 OTHER INFORMATION	
9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES	NO DATA.
9.2.2 OTHER SAFETY CHARACTERISTICS	AUTO-IGNITION TEMPERATURE (°C): 240 BOILING POINT (°C): 92 AT 101 325 PA VAPOUR PRESSURE: 0.011PA

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY	THE PRODUCT IS STABLE AND NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.
10.2 CHEMICAL STABILITY	STABLE UNDER SUGGESTED STORAGE CONDITIONS.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	No additional information available.
10.4 CONDITIONS TO AVOID	AVOID HEAT, FLAMES AND OTHER SOURCES OF IGNITION.



10.5 INCOMPATIBLE MATERIALS	AVOID CONCENTRATED ACIDS, ALKALIS & 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	PRODUCT IS NOT CLASSIFIED FOR ACUTE ORAL TOXICITY BY THE CLP ADDITIVITY CALCULATION. HOWEVER, ACCORDING TO REACH DATA THE ORAL LD50 OF CITRONELLA OIL WAS FOUND TO BE BETWEEN 300 AND 2000 MG/KG BODY WEIGHT. THEREFORE, THE PRODUCT SHOULD BE CLASSIFIED FOR ACUTE ORAL TOXICITY (H302 - ACUTE TOX. 4) IN ACCORDANCE WITH THE CRITERIA OUTLINED IN ANNEX I OF CLP (1272/2008/EC).
	Acute dermal toxicity: LD50> 2000 mg/kg body weight
CVIN IDDITATION	ACUTE DERMAL TOXICITY DOES NOT INDICATE SKIN IRRITATION UP TO 2000 MG/KG BODY WEIGHT.
Skin irritation	BASED ON THIS INFORMATION PRODUCT IS NOT CLASSIFIED FOR SKIN CORROSION OR IRRITATION.
EYE DAMAGE OR IRRITATION	CAUSES SERIOUS EYE DAMAGE.
RESPIRATORY OR SKIN SENSITIVITY	SKIN - MAY CAUSE AN ALLERGIC SKIN REACTION.
GERM CELL MUTAGENICITY	NOT CLASSIFIED.
CARCINOGENICITY	NOT CLASSIFIED.
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 Additional Data Available.
SECTION 12: ECOLOGICAL INFORMATION	
12.1 Toxicity	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
12.2 PERSISTENCE & DEGRADABILITY	CONSIDERED TO BE READILY BIODEGRADABLE.
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	NOT CLASSIFIED AS PBT OR VPVB ACCORDING TO ANNEX XIII.
12.6 ENDOCRINE DISRUPTING PROPERTIES	NO ADDITIONAL DATA AVAILABLE.
12.7 OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.
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 THI 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 CERTIFIE 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.

JA SHIPPING NAME 14.3 TRANSPORT HAZARD CLASS(ES)	ROAD: 3082 SEA: 3082 AIR: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. ADR/RID ADR/RID ADR/RID ADR CLASSIFICATION CODE — M6 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — *3Z IMDG IMDG — CLASS 9 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — 5L EXPECTED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F STOWAGE AND HANDLING — CATEGORY A
JA SHIPPING NAME	AIR: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. ADR/RID ADR/RID— CLASS 9 ADR CLASSIFICATION CODE — M6 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — *3Z IMDG IMDG — CLASS 9 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — 5L EXPECTED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F
JN SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. ADR/RID ADR/RID— CLASS 9 ADR CLASSIFICATION CODE — M6 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — *3Z IMDG IMDG — CLASS 9 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F
JN SHIPPING NAME	ADR/RID ADR/RID—CLASS 9 ADR CLASSIFICATION CODE — M6 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — •3Z IMDG IMDG — CLASS 9 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F
	ADR/RID— CLASS 9 ADR CLASSIFICATION CODE — M6 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — *3Z IMDG IMDG — CLASS 9 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F
	ADR CLASSIFICATION CODE – M6 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – E1 EMERGENCY ACTION CODE – *3Z IMDG IMDG – CLASS 9 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – E1 IMDG EMS – F-A, S-F
	ADR CLASSIFICATION CODE – M6 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – E1 EMERGENCY ACTION CODE – *3Z IMDG IMDG – CLASS 9 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – E1 IMDG EMS – F-A, S-F
	LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — •3Z IMDG IMDG — CLASS 9 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F
	LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — •3Z IMDG IMDG — CLASS 9 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F
	EMERGENCY ACTION CODE — •3Z IMDG IMDG — CLASS 9 SPECIAL PROVISIONS — 274 335 375 601 LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F
	IMDG – CLASS 9 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – E1 IMDG EMS – F-A, S-F
	IMDG – CLASS 9 SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – E1 IMDG EMS – F-A, S-F
	SPECIAL PROVISIONS – 274 335 375 601 LIMITED QUANTITIES – 5L EXPECTED QUANTITIES – E1 IMDG EMS – F-A, S-F
	LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-A, S-F
	EXPECTED QUANTITIES – E1 IMDG EMS – F-A, S-F
	IMDG EMS – F-A, S-F
	·
RANSFORT HAZARD CLASS(ES)	STOWAGE AND HANDLING – CATEGORY A
	ICAO/IATA
	ICAO/IATA- CLASS 9
	IATA PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S
	EXPECTED QUANTITIES — E1
	Transport Label:
	GOOD 9
4.4	ADR/RID PACKING GROUP: III
PACKING GROUP	IMDG PACKING GROUP: III
	ICAO PACKING GROUP: III
	Environmentally Hazardous Substance/Marine Pollutant



	¥2>
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.	NO ADDITIONAL DATA AVAILABLE.
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	ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

SECTION 16: OTHER INFORMATION	
	H226 Flammable liquid and vapour.
	H302 HARMFUL IF SWALLOWED.
	H304 May be fatal if swallowed and enters airways.
	H315 CAUSES SKIN IRRITATION.
	H317 May cause an allergic skin reaction.
Hazard and/ or Precautionary Statements in full	H318 CAUSES SERIOUS EYE DAMAGE.
·	H319 Causes serious eye irritation.
	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.
	H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
	H413 May cause long lasting harmful effects to aquatic life.
	*THE CLP ADDITIVITY CALCULATION INCLUDES CLASSIFICATION H315 - CAUSES SKIN IRRITATION
Other Information	(SKIN IRRIT. 2). HOWEVER, REACH DATA SHOWS PRODUCT IS NOT CLASSIFIED FOR SKIN
	IRRITATION.
	PRODUCT IS NOT CLASSIFIED FOR ACUTE TOXICITY BY THE CLP ADDITIVITY CALCULATION.



	HOWEVER, REACH DATA SHOWS PRODUCT SHOULD BE CLASSIFIED AS H302 - HARMFUL IF SWALLOWED (ACUTE TOX. 4).
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 MERCHANDISES 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
10/04/2018	Data Launch
06/05/2021	Review
21/12/2021	Review
DECEMBER 2022	EU REGULATION CHANGED



Product Code	9502216248623
Product Name	Citronella, Essential Oil
Alcohol Status	Youwish can confirm that Citronella, Essential Oil is free of Alcohol.
Animal Testing	Youwish can confirm that Citronella, Essential Oil has not been Animal Tested for cosmetic purposes by or on behalf of the company, nor has any of its component parts named in the International Cosmetic Ingredient Dictionary & Handbook (11th Edition), 31st December 1990.
BSE/TSE Status	Youwish can confirm that Citronella, Essential Oil is not derived from Animal Origin, therefore a BSE/TSE statement is not applicable.
Calif Proposition 65	Youwish can confirm to their best of their knowledge that Citronella, Essential Oil does not contain any contaminants or bi-products known to the State of California that may cause cancer or reproductive toxity as listed under proposition 65 State Drinking Water & Toxic Enforcement Act.
CAS Number	91771-61-8
Chloramphenicol Residue	Youwish can confirm that Citronella, Essential Oil is free from Chloramphenicol residues.
CITES Status	Youwish can confirm that Citronella, Essential Oil is not endangered & therefore not applicable for CITES certification.
Classification, Labelling & Packaging (CLP)	Youwish can confirm that Citronella, Essential Oil complies with Regulation (EC) no 1272/2008; classification, labelling & packaging of substances and mixtures (CLP).
CMR Status	Youwish can confirm that Citronella, Essential Oil is not classified as carcinogenic, mutagenic or toxic according to regulation 1272/2008.
Cosmetic Status	Youwish can confirm that Citronella, Essential Oil is suitable for cosmetic application. It is not included in the list of substances prohibited in cosmetic products. Neither does it contain parabens, restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009).
Customs Tariff Code	3301294900
EINCS Number	294-954-7
Ethylene Oxide Status	Youwish can confirm that Ethylene Oxide is not being used in production process of Citronella, Essential Oil.
Food Status	Youwish can confirm that Citronella, Essential Oil is suitable for food application, only when the appropriate quantity/dilution is used. This material complies with European Food Regulations (i.e. 2023/915). Please note, if you intend on using this product as a food ingredient we insist you email our Technical Team before doing so for our opinion on the dilution applied to your finished product.
Functionality	Anti-Inflammatory, Antimicrobial
Gluten Free	Youwish can confirm that Citronella, Essential Oil is not derived from, neither does it contain any Gluten ingredients.
Gluten Free Statement	Youwish can confirm that Citronella, Essential Oil is not derived from, neither does it contain any Gluten ingredients.
GMO (IP) Status	Youwish can confirm that Citronella, Essential Oil is not derived/produced from a raw material that has been genetically modified.
HACCP & GMP Statement	Youwish can confirm that Citronella, Essential Oil has been produced under Good Manufacturing Practices (GMP) and a HACCP system. Youwish is BRC certified.
Hair Benefits	Citronella Essential Oil can help promote a fresh and clean scalp environment. Its refreshing aroma can also help mask unpleasant odors. Additionally, Citronella Essential Oil has insect-repelling properties, which can help deter insects and pests from the hair and scalp. It can be incorporated into hair care products such as shampoos, conditioners, and scalp treatments to promote a healthy scalp and provide a pleasant scent.



Halal	Youwish can confirm this product is not Halal certified, however it does not contain any animal derived product or ingredient, hence it is HALAL applicable.
INCI Listing	Cymbopogon Winterianus Herb Oil
Irradiation Status	Youwish can confirm that Citronella, Essential Oil has not been irradiated at any stage of production.
Karanal Status	Youwish can confirm that Citronella, Essential Oil is free from Karanal.
Key Essential Fatty Acid Compounds	
Kosher	Youwish can confirm that Citronella, Essential Oil is not Kosher Certified.
Leaping Bunny	Youwish can confirm that Citronella, Essential Oil complies with the criteria of the Humane Cosmetics Standard, has not been tested or re-tested on animals for cosmetic purposes by or on behalf of Youwish
Manufacturing Method	Steam Distilled
Methyk Salicylate Status	
Microbiological & PAH Status & Heavy Metals & Pesticides	Youwish can confirm that Citronella, Essential Oil does not have a micro specification because the product was sterilized in the production process. We can confirm that there is no detectable amounts of pesticides. It is produced from natural raw material and complies within the limits of the oil-related requirements of European Regulation 2023/915 regarding heavy metals, dioxins, dioxin-like PCBs, Benzo-a-pyrene & PAH.
Mycotoxins Status	Youwish can confirm that Citronella, Essential Oil is compliant with the requirements of the Regulation (EC) N° 2023/915. We can confirm this product is free from: Aflatoxins, Ergot alkaloids, Patulin, Alternaria toxins, Ochratoxin A, Fusarium toxins.
Nagoya Protocol	
Nanomaterials Status	Youwish can confirm with reference to Citronella, Essential Oil that no Nanomaterials were added at any stage of the manufacturing/production process, in accordance with EU Cosmetics Regulation.
Organic	Not applicable to this grade of product. Organic versions are available on request, please see our Organic category.
Origin Statement	Youwish can confirm that Citronella, Essential Oil origin is Indonesia
Palm Status	Youwish can confirm that palm oil has not been used in the process of manufacturing Citronella, Essential Oil.
Parabens Status	Youwish can confirm that Citronella, Essential Oil is free from Parabens.
Product Page Intro	Embark upon a journey with Citronella, Essential Oil, a refreshing essential oil extracted from the leaves of the Cymbopogon winterianus plant. It has a citrusy, camphor-like aroma. Citronella Essential Oil is known for its insect-repelling properties. It is often used in candles, incense, and insect sprays to keep bugs away. It is also used in aromatherapy for its calming and relaxing effect on the mind and body. Citronella Essential Oil can be diffused into the air, applied to the skin directly, or added to a carrier oil for massage. Try Citronella, Essential Oil in your formulations today and infuse your creations with this exceptional ingredient. Request a quote or order a sample now!
Product Status	Pure & Natural.
Pyrrolizidine Alkaloids Status	Youwish can confirm that Citronella, Essential Oil is free from any Pyrrolizidine Alkaloids.
REACH Status	Fully registered: 01-2120741487-48-0000
Residual Solvents	Youwish can confirm that no solvents or preservatives we used in the production of Citronella, Essential Oil



Skin Benefits	Citronella Essential Oil is known for its refreshing citrusy aroma that helps create an uplifting and invigorating atmosphere. It is commonly used in candles, soaps, insect repellents, perfumes, aromatherapy, and skin care products. The oil has insect-repelling properties, making it a popular choice for outdoor products. Citronella Essential Oil contains various monoterpenes, including citronellal, geraniol, citronellol, limonene, geranyl acetate, and camphene, which contribute to its characteristic scent and functional properties.
SVHC (Substances of Very High Concern) & Impurities Status	Youwish can confirm that Citronella, Essential Oil is free from of SVHC and any impurities.
Vegan	Youwish can confirm that Citronella, Essential Oil is suitable for Vegans.