



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.2020/878

Page 1 of 14

Last Update: 18.05.23




Version: 1.1

Product: CITRONELLA FRAGRANCE

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY	
1.1 Product Identifier Product Identifier/ No: UFI:	CINTRONELLA M7Q7-42TG-U006-GH1Y
1.2 Relevant identified uses of the mixture and uses advised against:	Perfuming agent for finished consumer products. Not for personal use in this form or concentration.
1.3 Details of the supplier of the safety data sheet:	EK Evolve Services Ltd Warehouse 6, Block B, 26 Gianni Koromia 1028 Kaimakli, Nicosia, CYPRUS Phone: +357 22770035 E-Mail: info@candlesuppliescyprus.com
1.4 Emergency telephone number:	+357 22770035 Emergency consultation (GR/EN) during office hours Monday to Friday 09:00 - 17:00 (GMT+3)

2. HAZARD IDENTIFICATION	
2.1 Classification of the substance or mixture	
2.1.1 Classification according to Regulation (EC) No 1272/2008:	
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412 Full text of H- and EUH-statements: see section 16
2.1.2 Adverse physicochemical, human health and environmental effects	
Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.	
2.2 Label elements	

Product: CITRONELLA FRAGRANCE

<p>2.2.1 Hazard pictograms:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  GHS05 </div> <div style="text-align: center;">  GHS07 </div> <div style="text-align: center;">  GHS08 </div> </div>			
2.2.2 Signal word		Danger	
<p>2.2.3 Hazard statements:</p> <p>Citronella</p> <p>H304 - May be fatal if swallowed and enters airways.</p> <p>H315 - Causes skin irritation.</p> <p>H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage.</p> <p>H412 - Harmful to aquatic life with long lasting effects.</p>			
<p>2.2.4 Precautionary statements</p> <p>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 - Wash hands, forearms and face thoroughly after handling.</p> <p>P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.</p> <p>P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.</p>			
<p>2.3 Other Hazards</p> <p>Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII</p> <p>The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %</p>			
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Citronella oil	CAS-No.: 8000-29-1 EC-No.: 289-753-6;616-771-7	5-10	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.2020/878

Product: CITRONELLA FRAGRANCE

4. FIRST AID MEASURES	
4.1 Description of first aid measures	
General advice:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a poison center or a doctor if you feel unwell.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
Skin Contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of water. If skin irritation or rash occurs: Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see Call a physician immediately on this label). Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact:	Immediately call a POISON CENTER/doctor. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Do not induce vomiting. Call a physician immediately.
4.2 Most important symptoms and effects, both acute and delayed	
Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.	
Symptoms/effects after inhalation : May cause an allergic skin reaction. Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.	
Symptoms/effects after eye contact : Causes serious eye damage. Serious damage to eyes. Symptoms/effects after ingestion : Risk of lung oedema.	
4.3 Indication of immediate medical attention and special treatment needed	
Treat symptomatically.	



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.2020/878

Page 4 of 14

Last Update: 18.05.23

Version: 1.1

Product: CITRONELLA FRAGRANCE

5. FIREFIGHTING MEASURES	
5.1 Extinguishing media	
Suitable extinguishing media	: Sand. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2 Special hazard arising from the substance or mixture	
Hazardous decomposition products in case of fire: Toxic fumes may be released.	
5.3 Advice for fire-fighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
6. ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures	
6.1.1 For non-emergency personnel:	
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
6.1.2 For emergency personnel:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Ventilate area.
6.2 Environmental precautions	
Avoid release to the environment. Notify authorities if product enters sewers or public waters. Notify authorities if liquid enters sewers or public waters.	



SAFETY DATA SHEET



In accordance with REACH Regulation EC No.2020/878

Product: CITRONELLA FRAGRANCE

6.3 Methods and material for containment and cleaning up	Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4 Other information:	Dispose of materials or solid residues at an authorized site.
6.4 Reference to other sections:	See Section 8. Exposure controls and personal protection. For further information refer to section 13.

7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
7.1.2 Advice on general occupational hygiene:	Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.
7.2 Conditions for safe storage, including any incompatibilities	
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: 25 °C
Storage area	: Store in a well-ventilated place. Store away from heat.
Special rules on packaging	: Store in a closed container.
Packaging materials	: Do not store in corrodable metal.
7.3 Specific end use(s)	
No additional information available	

Product: CITRONELLA FRAGRANCE

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
8.1 Control parameters
<p>8.1.1 National occupational exposure and biological limit values</p> <p>No additional information available</p>
<p>8.1.2. Recommended monitoring procedures</p> <p>No additional information available</p> <p>8.1.3. Air contaminants formed</p> <p>No additional information available</p> <p>8.1.4. DNEL and PNEC</p> <p>No additional information available</p> <p>8.1.5. Control banding</p> <p>No additional information available</p>
8.2 Exposure controls
<p>8.2.1 Engineering measures</p> <p>Appropriate engineering controls:</p> <p>Ensure good ventilation of the work station.</p>
<p>8.2.2 Personal protection equipment</p> <p>Personal protective equipment symbol(s):</p> <div style="display: flex; justify-content: center; gap: 20px;">   </div>
<p>8.2.2.1 Eye and face protection</p> <p>Eye protection:</p> <p>Chemical goggles or safety glasses. Safety glasses</p> <p>8.2.2.2 Skin protection Skin and body protection:</p> <p>Wear suitable protective clothing</p> <p>Hand protection:</p> <p>Wear protective gloves</p> <p>8.2.2.3 Respiratory protection Respiratory protection:</p> <p>Wear appropriate mask</p> <p>8.2.2.4 Thermal hazards</p>



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.2020/878

Page 7 of 14

Last Update: 18.05.23

Version: 1.1

Product: CITRONELLA FRAGRANCE

No additional information available

8.2.3 Environmental exposure controls Environmental exposure controls:

Avoid release to the environment.

8.2.4 Other information:

Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on basic physical and chemical properties	
State of aggregation:	liquid
Color:	Light yellow. Amber.
Odor:	Characteristic
Odor threshold:	No data available
pH:	No data available
Melting point:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flammability	Non flammable, Not applicable
Explosive limits:	Not available
Lower explosion limit:	Not available
Upper explosion limit:	Not available
Flash point (°C):	>93.3 °C
Auto Ignition temperature (°C):	No data available
Decomposition temperature (°C):	No data available

Product: CITRONELLA FRAGRANCE

Partition coefficient n-octanol/water (Log Kow)	Not available
Vapor pressure:	No data available
Vapour pressure at 50°C:	Not available
Relative vapor density at 20 °C:	No data available
Density:	Not available
Relative density:	≈ 0.93
Viscosity, kinematic:	Not available
Viscosity, dynamic:	20.5 mm ² /s
Solubility:	No data available
Particle characteristics:	Not applicable
9.2 Other information	
9.2.1 Information with regard to physical hazard classes	
No additional information available	
9.2.2 Other safety characteristics	
No additional information available	

10. STABILITY AND REACTIVITY	
10.1 Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
10.2 Chemical Stability:	Not established.
10.3 Possibility of hazardous reactions:	Not established.
10.4 Conditions to avoid:	Direct sunlight. Extremely high or low temperatures.
10.5 Incompatible materials:	Strong acids. Strong bases.

Product: CITRONELLA FRAGRANCE

10.6 Hazardous decomposition products:	Fume. Carbon monoxide. Carbon dioxide.
---	--

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes according to Regulation (EC) No 1272/2008

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified

Citronella oil (8000-29-1)	
LD50 oral rat	7200 mg/kg
LD50 dermal	4230 mg/kg bodyweight

Skin corrosion/irritation:	Causes skin irritation.
Additional information:	Based on available data, the classification criteria are not met
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitization:	May cause an allergic skin reaction.
Germ cell mutagenicity:	Not classified
Additional information:	Based on available data, the classification criteria are not met
Carcinogenicity:	Not classified
Additional information:	Based on available data, the classification criteria are not met
Reproductive toxicity:	Not classified
Additional information:	Based on available data, the classification criteria are not met
STOT-single exposure:	Not classified
Additional information:	Based on available data, the classification criteria are not met
STOT-repeated exposure:	Not classified
Additional information:	Based on available data, the classification criteria are not met
Aspiration hazard:	May be fatal if swallowed and enters airways.
Additional information:	Based on available data, the classification criteria are not met

11.2. Information on other hazards

11.2.1 Endocrine disrupting properties	No additional information available
11.2.2 Other information	Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met

Product: CITRONELLA FRAGRANCE

12. ECOLOGICAL INFORMATION	
12.1 Toxicity:	
Ecology – general: Ecology – water: Hazardous to the aquatic environment, short-term (acute): Hazardous to the aquatic environment, long-term (chronic):	Harmful to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. Not classified Harmful to aquatic life with long lasting effects.
12.2 Persistence and degradability:	
CITRONELLA	
Persistence and degradability	May cause long-term adverse effects in the environment. Not established.
12.3 Bioaccumulative potential:	
CITRONELLA	
Bioaccumulative potential	Not established.
12.4 Mobility in soil:	No additional information available
12.5 Results of PBT and vPvB assessment:	No additional information available
12.6 Endocrine disrupting properties	No additional information available
12.7 Other adverse effects:	Avoid release to the environment

13. DISPOSAL CONDITIONS	
13.1 Waste treatment methods:	
Waste treatment methods collector's sorting instructions. Product/Packaging disposal recommendations Ecology - waste materials HP Code	: Dispose of contents/container in accordance with licensed : Dispose in a safe manner in accordance with local/national Dispose of contents/container in accordance with local/national laws and regulations. : Avoid release to the environment. : HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.2020/878

Product: CITRONELLA FRAGRANCE

Toxicity:” waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

HP4 - “Irritant – skin irritation and eye damage:” waste which on application can cause skin irritation or damage to the eye.

HP13 - “Sensitising:” waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

HP14 - “Ecotoxic:” waste which presents or may present immediate or delayed risks for one or more sectors of the environment

14. TRANSPORT INFORMATION				
In accordance with ADR / IMDG / IATA / ADN / RID				
ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				
14.6 Special precautions for the user				
Overland transport	Not applicable			
Transport by sea	Not applicable			
Air transport	Not applicable			
Inland waterway transport	Not applicable			



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.2020/878

Page 12 of 14

Last Update: 18.05.23

Version: 1.1

Product: CITRONELLA FRAGRANCE

Rail transport	Not applicable
14.7 Carriage of bulk cargo by sea in accordance with IMO instruments	Not applicable

15. REGULATORY INFORMATION		
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture		
15.1. 1 EU-Regulations		
REACH Annex XVII (Restriction List)		
EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(b)	CITRONELLA; Citronella oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	CITRONELLA; Citronella oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
REACH Annex XIV (Authorisation List)		
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)		
REACH Candidate List (SVHC)		
Contains no substance(s) listed on the REACH Candidate List		
PIC Regulation (Prior Informed Consent)		
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)		
POP Regulation (Persistent Organic Pollutants)		
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)		
Ozone Regulation (1005/2009)		
Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)		
Explosives Precursors Regulation (2019/1148)		
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)		
Drug Precursors Regulation (273/2004)		
Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)		

Product: CITRONELLA FRAGRANCE

15.1.2 Regulation (EC) No 1907/2006 (REACH)	
Germany	
Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Water hazard class (WGK)	: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1). Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands	
ABM category	: A(3) - hazardous for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen	: Citronella oil is listed SZW-lijst van mutagene stoffen : Citronella oil is listed
SZW-lijst van reprotoxische stoffen	: None of the components are listed
- Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen	: None of the components are listed
- Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen	: None of the components are listed
- Ontwikkeling	: None of the components are listed
Denmark	
Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be followed Danish
National Regulations	: Young people below the age of 18 years are not allowed to use the product
15.2 Chemical safety assessment	
No chemical safety assessment has been carried out	

16. Other information	
Full text of H- and EUH-statements:	
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.2020/878

Page 14 of 14

Last Update: 18.05.23

Version: 1.1

Product: CITRONELLA FRAGRANCE

H412	Harmful to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.