

2300503

CHEMICAL SAFETY DATA SHEET according to 2020/878/EC (1907/2006/EC Article 31)

	Printing da	te: 07.10.2024
	SECTION 01: Identification of the substance/mixture and of the company/undertaking	
	1.1 Product identifier	
	 Trade name: JAVA CITRONELLA ID ORGANIC OIL Article number: B301 CAS Number: 8000-29-1 EC Number: 294-954-7 No CAS EINECS: 91771-61-8 	
	1.2 Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the preparation Perfume ingredient Cosmetic ingredient Flavouring agent Only for industrial use	
	1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: GOLGEMMA TEL: +33(0)4.68.74.17.89 Route de FA email: fds@golgemma.com 11260 ESPERAZA FRANCE	
	1.4 Emergency telephone number: FR-ORFILA (INRS):+33(0)1 45 42 59 59	
	SECTION 02: Hazards identification 2.1 Classification of the substance or mixture • Classification according to Regulation (EC) No 1272/2008 GHS05	
*	Eye Dam. 1 - H318 Causes serious eye damage. GHS08	
*	Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways. GHS07	
*	Acute Tox. 4 - H302 Harmful if swallowed. Skin Sens. 1 - H317 May cause an allergic skin reaction.	
	GHS09	
*	Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.	
*	 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 Hazard pictograms 	
*	GHS05 GHS08 GHS07 GHS09 (continued on p	age 2)
*		age 2)



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PRODUCT	JAVA CITRONELLA ID ORGANIC OIL	
		(continued of page
- Signa		
Danger		
	d statements	
H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways.		
	lay cause an allergic skin reaction.	
	auses serious eye damage.	
	oxic to aquatic life with long lasting effects.	
	itionary statements	
	void breathing dust/fume/gas/mist/vapours/spray. 'ash thoroughly after handling.	
P204 0	o not eat, drink or smoke when using this product.	
	2310 IF SWALLOWED: Immediately call a POISON CENTER/ docto	or.
P405 S	tore locked up.	
P501 D	ispose of contents/container in accordance with local/regional/ na	ational/international regulations.
2 2 046	r bozorda	
	r hazards s of PBT and vPvB assessment	
 Result PBT: 	ז אווע זיט נאזע מאז אין אווע געראט מאזעראט נ	
	blicable.	
- vPvB:		
	blicable.	
	nination of endocrine-disrupting properties	
None o	f the ingredients is listed.	
SECTION	3: Composition/information on ingredients	
3.1 Subs CAS No.	Description	
8000-29-	•	
	fication number(s)	
 EC nu 		
294-95		
 Dange 	rous components:	
CAS Nu	nber	%
106-23-0	CITRONELLAL	20,001-50,00
	EC number: 203-376-6	
	🔅 Skin Irrit. 2 - H315, Eye Irrit. 2 -	
	H319, Skin Sens. 1B - H317	
106-24-1		20,001-50,00
	EC number: 203-377-1	-,
	Eye Dam. 1 - H318; Skin Irrit. 2	
	V Eye Dam. 1 - H318; V Skin Irrit. 2	
	- H315, Skin Sens. 1 - H317	

*	106-22-9	CITRONELLOL EC number: 203-375-0 أن Skin Irrit. 2 - H315, Eye Irrit. 2 -	10,001-20,00
*	105-87-3	H319, Skin Sens. 1B - H317 GERANYL ACETATE EC number: 203-341-5 � Skin Irrit. 2 - H315, Skin Sens. 1B -	1,001- 5,000
*	5989-27-5	H317; Aquatic Chronic 3 - H412 d-Iimonene	1,001- 5,000
*		EC number: 227-813-5 🚸 Asp. Tox. 1 - H304; 🚸 Flam. Liq. 3	
*		- H226; 안 Skin Irrit. 2 - H315, Skin Sens. 1B - H317; 🕸 Aquatic Acute 1 -	
*		H400 (M=1); Aquatic Chronic 3 - H412 CITRONELLYL ACETATE	1,001- 5,000
	E ()		(continued on page 3)



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	PRODUCT :	JAVA CITRONELLA ID ORGANIC OIL	
*		EC number: 205-775-0	(continued of page 2)
*	5392-40-5	Chronic 2 - H411 CITRAL EC number: 226-394-6 ③ Skin Irrit. 2 - H315, Eye Irrit. 2 -	1,001- 5,000
*	87-44-5	H319, Skin Sens. 1B - H317 BETA-CARYOPHYLLENE EC number: 201-746-1	0,101-1,000
*	97-53-0	1B - H317 EUGENOL EC number: 202-589-1 ∲ Eye Irrit. 2 - H319, Skin Sens. 1B -	0,101-1,000
* *	78-70-6	H317 LINALOOL EC number: 201-134-4	0,101-1,000
* * *	80-56-8	H319, Skin Sens. 1B - H317 ALPHA-PINENE EC number: 201-291-9 � Asp. Tox. 1 - H304; � Flam. Liq. 3	0,101-1,000
* * *	97-54-1	- H226; (I) Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1B - H317 ISOEUGENOL EC number: 202-590-7 (I) Acute Tox. 4 - H302, Acute Tox. 4 -	0,010-0,100
* *		H312, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1A - H317; Skin Sens. 1A; H317: C >= 0,01 %	

SECTION 04: First aid measures

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4.1 Description of first aid measuresGeneral information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. Seek immediate medical advice. • After inhalation: Supply fresh air and to be sure call for a doctor. • After skin contact: If skin irritation continues, consult a doctor. Immediately wash with water and soap and rinse thoroughly. • After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. • After swallowing: Call for a doctor immediately. • Information for doctor: 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available. 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available. ΕU



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	(continued of page
ECTION 05: Firefighting measures	(••••••••••••••••••••••••••••••••••••••
5.1 Extinguishing media	
Suitable extinguishing agents:	
CO2, sand, extinguishing powder. Do not use water. Use fire extinguishing methods suitable to surrounding conditions.	
 For safety reasons unsuitable extinguishing agents: 	
Water with full jet	
5.2 Special hazards arising from the substance or mixture	
Formation of toxic gases is possible during heating or in case of fire.	
5.3 Advice for firefighters	
 Protective equipment: Do not inhale explosion gases or combustion gases. 	
 Additional information 	
Cool endangered receptacles with water spray.	
ECTION 06: Accidental release measures	
6.1 Personal precautions, protective equipment and emergency procedu Wear protective equipment. Keep unprotected persons away.	res
Ensure adequate ventilation	
Keep away from ignition sources.	
6.2 Environmental precautions:	
Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system	m
morn respective autionities in case of seepage into water course of sewage system	
6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13.	
Ensure adequate ventilation.	
6.4 Reference to other sections	
See Section 7 for information on safe handling.	
See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	
ECTION 07: Handling and storage	
7.1 Precautions for safe handling Keep receptacles tightly sealed.	
Keep away from heat and direct sunlight.	
Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.	
Handle with care. Avoid jolting, friction and impact.	
 Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. 	
Protect against electrostatic charges.	
7.2 Conditions for safe storage, including any incompatibilities	
Storage:	
 Requirements to be met by storerooms and receptacles: Store only in the original receptacle. 	
Prevent any seepage into the ground.	
Use only receptacles specifically permitted for this substance/ product.Information about storage in one common storage facility:	
Not required.	
 Further information about storage conditions: Keep container tightly sealed. 	
Protect from heat and direct sunlight.	



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PRODUCT :	JAVA CITRONELLA ID ORGANIC OIL
	(continued of page 4)
SECTION 08	: Exposure controls/personal protection
8.1 Contro	l parameters
	nts with limit values that require monitoring at the workplace:
Not requi	
	al information: valid during the making were used as basis.
The lists	and during the making were used as basis.
	ire controls
	al protection measures, such as personal protective equipment
	protective and hygienic measures: precautionary measures are to be adhered to when handling chemicals.
	ly from foodstuffs, beverages and feed.
Immedia	tely remove all soiled and contaminated clothing
	nds before breaks and at the end of work.
	hale gases / fumes / aerosols. hale dust / smoke / mist.
Avoid cor	ntact with the skin.
	ntact with the eyes.
	ory protection: ble respiratory protective device in case of insufficient ventilation.
	f brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use
	ained respiratory protective device.
	on of hands:
Protective The glove	e gioves e material has to be impermeable and resistant to the product/ the substance/ the preparation.
	issing tests no recommendation to the glove material can be given for the product/ the preparation/ the
chemical	
	of the glove material on consideration of the penetration times, rates of diffusion and the degradation of aloves
	tion of the suitable gloves does not only depend on the material, but also on further marks of quality and
varies fro	m manufacturer to manufacturer.
	ion time of glove material
The exac observed	t break through time has to be found out by the manufacturer of the protective gloves and has to be
	e protection
Safety gla	asses
 Body pr 	
Impervio Boots	us protective clothing

9.1 Information on basic physical and chemi	cal properties	
General Information		
Physical state	Fluid	
Colour:	light yellow	
Odour:	herbal	
Odour threshold:	Not determined.	
Boiling point or initial boiling point and boiling range	215,0 °C	
Flammability	Not determined.	
Lower and upper explosion limit		
Lower:	Not determined.	
Upper:	Not determined.	
Flash point:	81,0 °C NFT 60-103 CC	
Decomposition temperature:	Not determined.	
рН	Not determined.	
Viscosity:		
Kinematic viscosity	Not determined.	
Dynamic:	Not determined.	



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			(continued of page 5)
water:	Not determined.		
Partition coefficient n-octanol/water (log value)	Not determined.		
Vapour pressure:	at 25,00 °C	10,0000 mbar	
Density and/or relative density			
Density:	Not determined.		
Relative density	0,8800 0,897 (D20	/20)	
Vapour density	Not determined.		
9.2 Other information	No further relevant	nformation available.	
Appearance:			
Form:	fluid		
Important information on protection of healt	h and environment, and	l on safety.	
Auto-ignition temperature:	Not determined.		
Explosive properties:	Not determined.		
Solvent content:			
Solids content:	0,00 %		
Change in condition			
Evaporation rate	<=1,0 butyl ac	etate = 1	
Information with regard to physical hazard c	lasses		
Explosives	not applicable		
Flammable gases	not applicable		
Aerosols	not applicable		
Oxidising gases	not applicable		
Gases under pressure	not applicable		
Flammable liquids	not applicable		
Flammable solids	not applicable		
Self-reactive substances and mixtures	not applicable		
Pyrophoric liquids	not applicable		
Pyrophoric solids	not applicable		
Self-heating substances and mixtures	not applicable		
Substances and mixtures, which emit flammable gases in contact with water	not applicable		
Oxidising liquids	not applicable		
Oxidising solids	not applicable		
Organic peroxides	not applicable		
Corrosive to metals	not applicable		
Desensitised explosives	not applicable		

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available. 10.2 Chemical stability 10.3 Possibility of hazardous reactions No dangerous reactions known. 10.4 Conditions to avoid No further relevant information available. 10.5 Incompatible materials: No further relevant information available. 10.6 Hazardous decomposition products: Not determined.



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	PRODUCT : JAVA CITRONELLA ID ORGANIC OIL	
	PRODUCT : JAVA CITRONELLA ID ORGANIC OIL	
	SECTION 11: Toxicological information	(continued of page 6)
	11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008Acute toxicity	
*	Harmful if swallowed.	
*	 LD/LC50 values relevant for classification: 	
	ISO LD/LC	
	8000-29-1 Cymbopogon winterianus Jowitt Oral, LD50: >=5000 mg/kg (rat)	
	Dermal, LD50: 4700 mg/kg (Rabit)	
*	106-22-9 CITRONELLOL	
	Oral, LD50: 3450 mg/kg (rat) Dermal, LD50: 2650 mg/kg (Rabbit)	
*	105-87-3 GERANYL ACETATE	
	Oral, LD50: >4000 mg/kg (rat) (NTP 1987)	
	5989-27-5 (R)-p-mentha-1,8-diene	
*	Oral, LD50: 4400 mg/kg (rat)	
	5392-40-5 CITRAL Oral, LD50: 4960 mg/kg (rat)	
*	87-44-5 BETA-CARYOPHYLLENE	
	Oral, LD50: > 5000 mg/kg (rat) (Hart and Wong 1971)	
*	97-53-0 EUGENOL Oral, LD50: 1930 mg/kg (rat)	
*	78-70-6 LINALOOL	
	Oral, LD50: 2790 mg/kg (rat)	
	Dermal, LD50: 5610 mg/kg (Rabbit)	
*	97-54-1 ISOEUGENOL Oral, LD50: 1560 mg/kg (rat)	
	Primary irritant effect:	
*	Skin corrosion/irritation	
	No irritant effect. Serious eye damage/irritation 	
	Strong irritant with the danger of severe eye injury.	
	Causes serious eye damage. • Respiratory or skin sensitisation	
	Sensitization possible through skin contact.	
*	Germ cell mutagenicity	
*	105-87-3 GERANYL ACETATE OECD 471 AMES: NEGATIVE (in vitro) (NTP 1987)	
*	87-44-5 BETA-CARYOPHYLLENE	
	OECD 471 AMES: NEGATIVE (in vitro) (Heck and al., 1989)	
*	78-70-6 LINALOOL	
	OECD 471 AMES: NEGATIVE (in vitro) (Letizia and al., 2007)Carcinogenicity	
*	105-87-3 GERANYL ACETATE	
	Micronoyau: NEGATIVE (mouse) (in vivo, Shelby 1993)	
*	78-70-6 LINALOOL	
	Micronoyau: NEGATIVE (mouse) (in vivo, Letizia and al., 2007) Micronoyau: NEGATIVE (in vitro) (DiSotto and al., 2011)	
	Reproductive toxicity	
	Not determined. • STOT-single exposure	
	Not determined.	
	 STOT-repeated exposure Not determined. 	
*	Aspiration hazard	
*	May be fatal if swallowed and enters airways.	
*	May be fatal if swallowed and enters airways.Subacute to chronic toxicity:	
*	Not determined.	
	 11.2 Information on other hazards Endecrine disrupting properties 	
*	• Endocrine disrupting properties None of the ingredients is listed.	
	- EU	
		(continued on page 8)



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CHEMICAL SAFETY DATA SHEET according to 2020/878/EC (1907/2006/EC Article 31)

PRODUCT : JA	VA CITRONELLA ID ORGANIC OIL	
SECTION 12. Ec	blogical information	(continued of page 7)
	biogical information	
12.1 Toxicity		
Aquatic toxicit		
8000-29-1 ErC50(0-72h): 1	Cymbopogon winterianus Jowitt L3 mg/l (algae) (OECD 201)	
ErC50(0-72h): 2	21,995 mg/l (daphnia) (OECD 202 / EU Method C.2)	
96n-LC50: 29,1 5989-27-5	73 mg/l (fish) (OECD 203 / EU Method C.1) (R)-p-mentha-1,8-diene	
	I (fish) (OECD 203)	
78-70-6		
LD50: 27,8 mg/ ErC50(0-72h)	l (fish) ((OECD 203) RIFM 1991) L56,7 mg/l (algae)	
ErC50(0-48h): 5	59 mg/l (daphnia) ((OECD 202)	
12.2 Persistence	and degradability	
No further relevant	information available.	
 Behaviour in e Not determined 	environmental systems:	
Not determined		
12.3 Bioaccumu	lative potential	
12.4 Mobility in		
No further relevant	information available.	
	PBT and vPvB assessment	
 PBT: Not applicable. 		
 vPvB: 		
Not applicable.		
	disrupting properties not contain substances with endocrine disrupting properties.	
The product does t	iot contain substances with endocrine disrupting properties.	
12.6 Other adve		
 Ecotoxical effective 	: information available. ects:	
Not determined		
 Remark: Toxic for fish 		
	logical information:	
 General notes 	:	
Toxic for aquati The material is	c organisms harmful to the environment.	
SECTION 13: Dis	posal considerations	
13.1 Waste trea	tment methods	
 Recommendation 		
	y treated adhering to official regulations.	
 Uncleaned page 	ckaging:	

- Recommendation: Disposal must be made according to official regulations.

14.1 UN number or	ID number
. ADR	UN3082
IMDG	UN3082
. IATA	UN3082
14.2 UN proper ship . ADR	oping name 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYMBOPOGON WINTERIANUS JOWITT)



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CHEMICAL SAFETY DATA SHEET according to 2020/878/EC (1907/2006/EC Article 31)

RODUCT :	JAVA CITRONELLA ID ORGANIC OIL
	(continued of page
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CYMBOPOGON WINTERIANUS JOWITT)
. IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
	(CYMBOPOGON WINTERIANUS JOWITT)
14.3 Transpo . ADR	ort hazard class(es)
. ADR . Class	9 (M6) Miscellaneous dangerous substances and articles.
. Label	
. IMDG	
. Class	9 Miscellaneous dangerous substances and articles.
. Label	9
. IATA	
. Class	9 Miscellaneous dangerous substances and articles.
14.4 Packing	
. ADR . IMDG	
. IATA	
	mental hazards:
 Marine poll Danger cod 	
. EMS Numb	
14.6 Special Warning: Misc	precautions for user ellaneous dangerous substances and articles.
14.7 Maritim Not applicable	e transport in bulk according to IMO instruments
 Transport, ADR 	Additional information:
	uantities (EQ): E1
Limited qua	
. Transport o	ategory 3
	antities (LQ) 5L
	uantities (EQ) E1
 UN "Mode UN 3082 EN 	I Regulation": IVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. GON WINTERIANUS JOWITT), 9, III



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PRC	ODUCT :	JAVA CITRONELLA ID ORGANIC OIL
		(continued of page 9)
SEC	CTION 15:	Regulatory information
*	 DIRECTIV and elect None of the REGULAT Annex I - under Art None of the Annex II None of the Regulatio None of the Regulatio Communi 	 , health and environmental regulations/legislation specific for the substance or mixture /E 2011/65/EU on the restriction of the use of certain hazardous substances in electrical ronic equipment - Annex II e ingredients is listed. ION (EU) 2019/1148 RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing ticle 5(3)) e ingredients is listed. - REPORTABLE EXPLOSIVES PRECURSORS e ingredients is listed. in (EC) No 273/2004 on drug precursors e ingredients is listed. in (EC) No 111/2005 laying down rules for the monitoring of trade between the ity and third countries in drug precursors e ingredients is listed.
	National	regulations:
*	 Class Sha I 	
•	 Waterhaz Water haza 	ard class: ard class 2 (Self-assessment): hazardous for water.
		cal safety assessment: afety Assessment has not been carried out.
* * * * *	The information in formation in to be conside areas thereof. not be valid v of this docum The required applying all the Relevant H226 H302 H304 H312 H315 H317 H318 H319 H400 H411 H412 • Training have the purpose of labeling of	information complies with EU regulations in force. It does not exempt the user from knowing and he national regulations in force. phrases Flammable liquid and vapour. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye damage. Causes serious eye irritation. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.



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PRODUCT : JAVA CITRONELLA ID ORGANIC OIL	
IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ICAO: International Civil Aviation Organisation GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent DDS: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative	(continued of page 10)
 Sources IFRA/IOFI Labelling Manual,REACH registration dossier,supplier information * Data compared to the previous version altered. 	