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Reviewed on: 14.12.2022 Printing date: 14.12.2022

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SECTION 01: Identification of the substance/mixture and of the company/undertaking
1.1 Product identifier
 Trade name: JASMINE EGYPTIAN ABSOLUTE Article number: F1527 CAS Number: 8022-96-6 EC Number: 283-993-5 No CAS EINECS: 84776-64-7
 1.2 Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the preparation Perfume ingredient * Only for industrial use
1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: * BIOLANDES, BP2 TEL: +33(0)5.58.51.00.00 * 2760 Route de Bélis email: fds@biolandes.com * 40420 LE SEN * FRANCE
1.4 Emergency telephone number: FR-ORFILA (INRS):+33(0)1 45 42 59 59
 Classification according to Regulation (EC) No 1272/2008 GHS07 Skin Irrit. 2 - H315 Causes skin irritation. Skin Sens. 1 - H317 May cause an allergic skin reaction. GHS09 Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 Hazard pictograms GHS07 GHS09 Signal word Warning Hazard statements H315 Causes skin irritation. H317 May cause an allergic skin reaction. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H317 May cause an allergic skin reaction. H310 Very toxic to aquatic life with long lasting effects. Precautionary statements H216 LAvoid breathing dust/fume/gas/mist/vapours/spray. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P272 Avoid release to the environment.
P302+P352 IF ON SKIN: Wash with plenty of water. P501 Dispose of contents/container in accordance with local/regional/ national/international regulations. (continued on page 2)



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		(continued of page 1)
	er hazards	
 Resu PBT: 	ts of PBT and vPvB assessment	
	plicable.	
- vPvB		
	plicable. mination of endocrine-disrupting properties	
	ance is not listed.	
SECTION	03: Composition/information on ingredients	
	stances	
CAS No. 8022-96	Description 6 Jasminum grandiflorum L.	
 Ident 	ification number(s)	
 EC ni 283-9 		
 Dang CAS NL 	erous components: mber	%
140-11-		7% 10,001-20,00
·+v-11-	EC number: 205-399-7	10,001-20,00
	Aquatic Chronic 3 - H412	
150-86-	-	10,001-20,00
	EC number: 205-776-6	
	🚸 Skin Irrit. 2 - H315; 🚸 Aquatic	
	Acute 1 - H400, Aquatic Chronic 1 - H410	
505-32-		5,001-10,00
	EC number: 208-008-8	
	🚸 Skin Irrit. 2 - H315; 🚸 Aquatic	
	Acute 1 - H400, Aquatic Chronic 1 - H410	
120-51-	· · · · · · · · · · · · · · · · · · ·	5,001-10,00
	EC number: 204-402-9	
	🔶 Acute Tox. 4 - H302; 🚸 Aquatic	
	Acute 1 - H400, Aquatic Chronic 2 - H411	
78-70-6	Linalool	1,001- 5,00
	EC number: 201-134-4	
	🕚 Skin Irrit. 2 - H315, Eye Irrit. 2 -	
	H319, Skin Sens. 1B - H317	
97-53-0	Eugenol	1,001- 5,00
	EC number: 202-589-1	
	Eye Irrit. 2 - H319, Skin Sens. 1B -	
/ · · · ·	H317	
100-51-		1,001- 5,00
	EC number: 202-859-9	
440 50	H319	0.404.4.00
118-58-	l benzyl salicylate EC number: 204-262-9	0,101-1,00
	Skin Sens. 1 - H317; Aquatic Chronic 3	
97-54-1	- H412	0.04.0.400
y/-54-1	isoeugenol EC number: 202-590-7	0,01-0,100
	Acute Tox. 4 - H302, Acute Tox. 4 -	
	V AGUIG TOA. 4 - HOUZ, AGUIG TOA. 4 -	



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*	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
	4.1 Description of first aid measures
*	General information: 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.
*	Immediately rinse with water. • After eye contact:
	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
	After swallowing: Social immediate mediate advise
	Seek immediate medical advice. 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.
	SECTION 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.
	SECTION 06: Accidental release measures
+	6.1 Personal precautions, protective equipment and emergency procedures
*	Wear protective equipment. Keep unprotected persons away. 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.
*	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.



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PRODUCT :	JASMINE EGYPTIAN ABSOLUTE
	(continued of page 3)
SECTION 07: H	Handling and storage
Keep receptacles Keep away from Ensure good ver Prevent formatio Handle with care Information Keep ignition	n heat and direct sunlight. ntilation/exhaustion at the workplace.
	s for safe storage, including any incompatibilities
 Requirement Store only in Prevent any store 	nts to be met by storerooms and receptacles: the original receptacle. seepage into the ground. eptacles specifically permitted for this substance/ product.
 Information Not required. 	about storage in one common storage facility:
Keep contain Protect from	heat and direct sunlight. acle in a well ventilated area.
7.3 Specific er No further releva	nd use(s) ant information available.
Ingredients Not required.Additional in	with limit values that require monitoring at the workplace:
 8.2 Exposure Individual p General pro The usual pro Keep away fri Immediately Wash hands I Do not inhale Avoid contact Respiratory 	controls protection measures, such as personal protective equipment protective and hygienic measures: ecautionary measures are to be adhered to when handling chemicals. rom foodstuffs, beverages and feed. remove all soiled and contaminated clothing before breaks and at the end of work. e gases / fumes / aerosols. e dust / smoke / mist. t with the skin.
In case of bri self-contained Use suitable Protection of Protective glo The glove ma Due to missir chemical mix Selection of t	ief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use d respiratory protective device. respiratory protective device in case of insufficient ventilation. of hands: oves aterial has to be impermeable and resistant to the product/ the substance/ the preparation. ng tests no recommendation to the glove material can be given for the product/ the preparation/ the ture. the glove material on consideration of the penetration times, rates of diffusion and the degradation gloves of the suitable gloves does not only depend on the material, but also on further marks of quality and
	SECTION 07: 1 7.1 Precaution Keep receptacle Keep away from Ensure good ver Prevent formation Keep ignition Protect again 7.2 Conditions Storage: • Requirement Store only in Prevent any so Use only rece • Information Not required. • Further infor Keep contain Protect from Store recepta 7.3 Specific en No further relev. SECTION 08: 1 8.1 Control pa • Ingredients Not required. • Additional in The lists value 8.2 Exposure • Individual p • General prot Keep away fr Immediately Wash hands Do not inhale Avoid contacl • Respiratory In case of bri self-containe Use suitable • Protection of The glove ma Due to missii chemical mix Selection of • Material of The selection



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ECTION 09: Physical and chemica	
9.1 Information on basic physical and chen	nical properties
General Information	
Physical state	Fluid
Colour:	orange-brown
Odour:	jasmin
Odour threshold:	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	> 85,0 °C NFT 60-103 CC
Decomposition temperature:	Not determined.
рН	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Not determined.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.
Relative density	0,9500 0,9700 D20/20
Vapour density	Not determined.
9.2 Other information	No further relevant information available.
Appearance:	
Form:	liquid sometimes cloudy
Important information on protection of hea	
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Solvent content:	
Solids content:	0.00 %
Change in condition	
Evaporation rate	Not determined.
Evaporation rate Information with regard to physical hazard	
Explosives	not applicable
Explosives Flammable gases	not applicable
Aerosols	not applicable
Oxidising gases	not applicable
Gases under pressure	not applicable
Flammable liquids Flammable solids	not applicable
	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

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		(continued of page
Oxidising liquids	not applicable	(continued of page
Oxidising solids	not applicable	
Organic peroxides	not applicable	
Corrosive to metals	not applicable	
Desensitised explosives	not applicable	
SECTION 10: Stability and re	activity	
10.1 Reactivity No further relevant information ava	ilable.	
10.2 Chemical stability		
10.3 Possibility of hazardous re No dangerous reactions known.	actions	
10.4 Conditions to avoid No further relevant information ava	ilable.	
10.5 Incompatible materials: No further relevant information ava	ilable.	
10.6 Hazardous decomposition Not determined.	products:	

SECTION 11: Toxicological information

 Acute toxicity 		
LD/LC50 values re	evant for classification:	
		ISO LD/LC
140-11-4	benzyl acetate	
	/kg (rat) (INRS 2011)	
) mg/kg (Rabbit) (INRS 2011)	
150-86-7	Phytol	
	g/kg (rat) (RIFM 1977)	
,	0 mg/kg (Rabbit) (RIFM 1977)	
505-32-8 Oral, LD50: >5000 m	Isophytol	
Dermal, LD50: >5000 II		
120-51-4	Benzyl benzoate	
Oral, LD50: 1700 mg		
	/kg (mouse) (Bier, 1979)	
Dermal, LD50: 4000	mg/kg (Rabbit)	
78-70-6	Linalool	
Oral, LD50: 2790 mg		
Dermal, LD50: 5610		
97-53-0 Oral, LD50: 1930 mg	Eugenol (kg (rat)	
100-51-6		
100-51-6 Oral, LD50: 1230 mg	Benzyl alcohol /kg (rat)	
Dermal, LD50: 2000		
	>12 mg/l (rat) (CIR assessment 2017)	
97-54-1	isoeugenol	
Oral, LD50: 1560 mg		
Primary irritant		
- Skin corrosion/in		
Causes skin irritati	mucous membranes.	
- Serious eye dan		
100-51-6	Benzyl alcohol	
	DECD 405 DRAIZE: IRRITANT (Rabbit) (CIR assessment	
1.7166101 01 CyC3, 1		(continued on page 7



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-	PRODUCT : JASMINE EGYPTIAN ABSOLUTE	
	2017)	(continued of page 6,
	 Respiratory or skin sensitisation 	
	120-51-4 Benzyl benzoate Sensitisation, NESIL: 59000 ug/cm2 (human being) (Standard IFRA)	
	 100-51-6 Benzyl alcohol Sensitisation, NESIL: 5900 ug/cm2 (human being) (IFRA STANDARD) Sensitization possible through skin contact. Germ cell mutagenicity 	
	140-11-4 benzyl acetate OECD 471 AMES: NEGATIVE (in vitro) (Tennant and al., 1987)	
	150-86-7 Phytol OECD 471 AMES: NEGATIVE (in vitro) (Choi and al., 1993)	
	120-51-4 Benzyl benzoate OECD 471 AMES: NEGATIVE (in vitro) (Schunk and al., 1986)	
	78-70-6 Linalool OECD 471 AMES: NEGATIVE (in vitro) (Letizia and al., 2007)	
	100-51-6Benzyl alcoholOECD 471 AMES: NEGATIVE (in vitro) (Leifer and al., 1981)OECD 476 MLA TK: NOT CLASSIFIED (in vitro) (CHO ; Anderson and al.,1990)	
	Carcinogenicity	
	 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 Not determined.	
	 Subacute to chronic toxicity: 140-11-4 benzyl acetate Oral, NOAEL: 14,5 mg/kg (rat) (2 years, NTP 1993) 	
	78-70-6 Linalool Oral, NOAEL: 200 mg/kg (rat) (maternal toxicity, Politano and al., 2008)	
	100-51-6 Oral, NOAEL: > 400 mg/kg (rat) (CIR assessment 2017) 11.2 Information on other hazards	
	• Endocrine disrupting properties Substance is not listed.	

SECTION 12: Ecological information

	12.1 Toxicity
*	 Aquatic toxicity:
* * *	140-11-4 benzyl acetate ErC50(0-72h): 92 mg/l (algae) (RIFM 2017) ErC50(0-48h): 37 mg/l (daphnia) (RIFM 2011) 96h-LC50: 4,6 mg/l (fish) (RIFM 1994)
* * *	78-70-6 Linalool LD50: 27,8 mg/l (fish) ((OECD 203) RIFM 1991) ErC50(0-72h): 156,7 mg/l (algae) ErC50(0-48h): 59 mg/l (daphnia) ((OECD 202))
*	12.2 Persistence and degradabilityNo further relevant information available.Behaviour in environmental systems: Not determined.
*	12.3 Bioaccumulative potential No further relevant information available.



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	12.4 Mobility in soil	
	No further relevant information available.	
	12.5 Results of PBT and vPvB assessment	
	• PBT:	
	Not applicable.	
	• vPvB:	
	Not applicable.	
	12.6 Endocrine disrupting properties	
*	The product does not contain substances with endocrine disrupting properties.	
	12.6 Other adverse effects	
	No further relevant information available.	
	Ecotoxical effects:	
	Not determined.	
	Remark:	
*	Very toxic for fish	
	 Additional ecological information: 	
*	General notes:	
	Very toxic for aquatic organisms	
	The material is harmful to the environment.	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Recommendation
- Must be specially treated adhering to official regulations.
- Uncleaned packaging:
- ٠ Recommendation:
- Disposal must be made according to official regulations.

SECTION 14: Transport information

ADR	UN3082
IMDG	UN3082
ΙΑΤΑ	UN3082
14.2 UN proper ship	pping name
ADR	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (JASMINUM GRANDIFLORUM EXTR.)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (JASMINUM GRANDIFLORUM EXTR.)
ΙΑΤΑ	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (JASMINUM GRANDIFLORUM EXTR.)
14.3 Transport haza ADR	ard class(es)
Class	9 (M6) Miscellaneous dangerous substances and articles.
Label	
IMDG	
Class	9 Miscellaneous dangerous substances and articles.
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CHEMICAL SAFETY DATA SHEET according to 2020/878/EC (1907/2006/EC Article 31)

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Printing date: 14.12.2022 **PRODUCT** : **JASMINE EGYPTIAN ABSOLUTE** (continued of page 8) Label ΙΑΤΑ Class 9 Miscellaneous dangerous substances and articles. Label 14.4 Packing group ADR Ш IMDG Ш ΙΑΤΑ Ш 14.5 Environmental hazards: Marine pollutant: Yes 14.6 Special precautions for user Warning: Miscellaneous dangerous substances and articles. Danger code (Kemler): 90 **EMS Number:** F-A,S-F 14.7 Maritime transport in bulk according to IMO instruments Not applicable. Transport/Additional information: Not applicable. ADR **Excepted quantities (EQ):** E1 Limited quantities (LQ) 5L Transport category 3 **Tunnel restriction code** Е IMDG Limited quantities (LQ) 5L **Excepted quantities (EQ)** E1 UN "Model Regulation": • UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (JASMINUM GRANDIFLORUM EXTR.), 9, III SECTION 15: Regulatory information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture • DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II Substance is not listed.

- REGULATION (EU) 2019/1148
- Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
- Substance is not listed. • Annex II - REPORTABLE EXPLOSIVES PRECURSORS Substance is not listed.
- Regulation (EC) No 273/2004 on drug precursors Substance is not listed.

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PRODUCT	
Pequiation	(<i>continued of page 9)</i> (EC) No 111/2005 laying down rules for the monitoring of trade between the
	y and third countries in drug precursors
	s not listed.
Substance	s not instea.
 National r 	
	-guideons.
 Technical 	instructions (air):
Class Share	
	,01
 Waterhaza 	ırd class:
Water haza	d class 2 (Self-assessment): hazardous for water.
	al safety assessment:
A Chemical Sa	fety Assessment has not been carried out.
SECTION 16:	Other information
	n in this safety data sheet is based on the state of our knowledge at the date indicated. The this sheet must be regarded as a description of the safety requirements for the product, they are not
	a warranty or quality specification and have no contractual value on properties and application
	The information contained in this safety data sheet relate to the specific material designated and may
	th respect to the product associated with another product or process, unless it is specified in the text
of this docume	
	nformation complies with EU regulations in force. It does not exempt the user from knowing and
	e national regulations in force.
 Relevant (
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315 H317	Causes skin irritation. May cause an allergic skin reaction.
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.
Turinin a b	
 Training h 	ints aining in occupational risk prevention is recommended for personnel who will handle this product, in the
	facilitating the understanding and interpretation of this form of safety data in the same way as the
	the product.
	ons and acronyms:
	ational Fragrance Association IOFI: International Organization of the Flavor Industry IFRA: International
5	ssociation IOFI:International Organization of the Flavor Industry
	d européen sur le transport des marchandises dangereuses par Route (European Agreement concerning
	cional Carriage of Dangerous Goods by Road) ADR: Accord européen sur le transport des marchandises
	s par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) nent international concernant le transport des marchandises dangereuses par chemin de fer (Regulations
	the International Transport of Dangerous Goods by Rail) RID: Règlement international concernant le
	es marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of
	Goods by Rail)
IMDG: Inte	national Maritime Code for Dangerous Goods IMDG: International Maritime Code for Dangerous Goods
	epartment of Transportation DOT: US Department of Transportation
	national Air Transport Association IATA: International Air Transport Association
	national Civil Aviation Organisation ICAO: International Civil Aviation Organisation
	Ily Harmonised System of Classification and Labelling of Chemicals GHS: Globally Harmonised System of on and Labelling of Chemicals
	ropean Inventory of Existing Commercial Chemical Substances EINECS: European Inventory of Existing
	Chemical Substances
	ropean List of Notified Chemical Substances ELINCS: European List of Notified Chemical Substances
	ical Abstracts Service (division of the American Chemical Society) CAS: Chemical Abstracts Service
`	the American Chemical Society)
LC50: Letha	Il concentration, 50 percent LC50: Lethal concentration, 50 percent
	al dose, 50 percent LD50: Lethal dose, 50 percent
LD50: Letha	
LD50: Letha PBT: Persis	ent, Bioaccumulative and Toxic PBT: Persistent, Bioaccumulative and Toxic
LD50: Letha PBT: Persis vPvB: very	Persistent and very Bioaccumulative vPvB: very Persistent and very Bioaccumulative
LD50: Letha PBT: Persis vPvB: very CE50: effec	

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 Sources 		

IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information

• * Data compared to the previous version altered.