



	Bergamot Oil FCF Italy				
	rus Aurantium Bergamia P				
CAS Number: 68648-33-9	FDA Number: 182.20	EC Number: 2			
FEMA Number: 2153	CoE Number:				
Index No:		Reach Regist	ration No: 01-212	20117613-65-XXXX	
1.2 Relevant identified us	es of the substance or mix	ture and uses	advised against		
	ent/ flavouring agent. Ingre			 Э.	
	for personal use in this form			J.	
1.3 Details of the supplier	of the safety data sheet				
Company		Penny Price A	romatherapy Ltd		
•		Unit D3 Radiu	s Court		
		Maple Drive			
		Hinckley			
		Leicestershire	LE10 3BE		
Email		info@penny-p	orice.com		
1.4 Emergency Telephone	Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am			
		– 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u>			
2. Hazards Identification					
2.1 Classification of the su	ubstance or mixture	<del>,</del>			
Classified according to Re	egulation (EC) 1272/2008	Physical and	Flam. Liq. 3 = H22	26	
(CLP) as amended		Chemical			
		Hazards		T	
		Human	Asp. Tox. 1 =	Skin Irrit. 2 = H315	
		Health	H304		
			Skin Sens. 1 =	Eye Irrit. 2 = H319	
			H317		
		Environment	Aquatic Chronic		
		Environment	3 = H412		





Hazard statements.	Signal Word. DANGER											
H315 Causes skin irritation H317 May cause an allergic skin reaction. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation  H317 May cause an allergic skin reaction. H319 Causes serious eye irritation  H412 Harmful to aquatic life with long lasting effects.  2.3 Other hazards – Results of PBT and VPVB  Precautionary Statements:  P280 Keep away from heat / sparks/ open flames/ hot surface. No smoking  P280 Wear protective gloves / eye protection / face protection / face protection   P301+P310   IF NEVES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P302+P352   FON SKIN: Wash with plenty of water   Do NOT induce vomiting   Do NOT induce vomiti	Haza	rd statement	ts.									
H317   May cause an allergic skin reaction.   H319   Causes serious eye irritation    H412   Harmful to aquatic life with long lasting effects.  2.3 Other hazards – Results of PBT and vPvB  Precautionary Statements:  P210   Keep away from heat / sparks/ open flames/ hot surface. No smoking   P280   Wear protective gloves / eye protection / face protection / face protection   P302+P352   P305+ P338   P305+ P31+P310   P302+P352   P305+	H226 Flamm		ammable Liquid and V	арс	our	H304						
H412	H315			Ca	uses skin irritation			,				
Substance name   Iasting effects.   Iasting effects.	H317				Ма	ay cause an allergic skin reaction. H		H319	)	,		
Page	H412						ith	long				
Percautionary Statements:   P210	2.2 Other begand - Built -											
P210   Keep away from heat / sparks/ open flames/ hot surface. No smoking   P273   Avoid release to the environment					PB	T and vPvB						
P280   Wear protective gloves / eye protection / face protection   P301+P310   IF SWALLOWED: Immediately call a POISON CENTRE or doctor   P302+P352   P305+P352   P305+P351+P338   P305+P351+P338   P351+P338		utionary Sta	temer	nts:					T		T	
P280   Wear protective gloves / eye protection / face protection   P301+P310   IF SWALLOWED: Immediately call a POISON CENTRE or doctor   P302+P352   IF ON SKIN: Wash with plenty of water   P305+ P351+ P338   F351+ P338   Cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	P210					•	•	•	P273			
P302+P352  P302+P352    Fon Skin: Wash with plenty of water   P305+ P351+ P338   Fin Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.    P331												
P302+P352    Fon Skin: Wash with plenty of water   P305+ P351+ P338   Cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.    P331	P280						-		P301	+P310		
P351 + P338   Cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.    P331					pr	otection / face protect	ior	1				
IF ON SKIN: Wash with plenty of water	P302-	+P352							P305	+	IF IN EYES: Rinse	
P331									P351	+ P338	cautiously with water for	
P331 Do NOT induce vomiting  Other Hazards  Because of the potential presence of various furocoumarins the product can have phototoxic effects (skin).  3.1 Composition / information on ingredients:  3.1 Substance  Botanical Origin Citrus bergamia, RISSO et POITEAU  Production Process Obtained by physical means from the outer part of fresh bergamot fruits peel.  Chemical Identification & Grade 100% Natural Complex Substance  EU Chemical Name Bergamot, ext.  EU Number 289-612-9  EINECS CAS Number 89957-91-5  CAS Number 8907-75-8  Substance name Index number under CLP Annex VI  CAS No: 5989-27-5  EC No: 227-813-5  CAS No: 5989-27-5  EC No: 227-813-5  Aspiration hazard 1  Environmental hazard chronic 1  Flammable liquid 3  Skin irritation 2					IF	ON SKIN: Wash with p	ler	nty of				
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Substance   Botanical Origin   Citrus bergamia, RISSO et POITEAU						have phototoxic effects (skin).						
Substance   Botanical Origin   Citrus bergamia, RISSO et POITEAU	12.1		. /:f.	4°								
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Chemical Identification & Grade   100% Natural Complex Substance	3.1	Substance										
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Annex VI  Content (or range)  Limonene  CAS No: 5989-27-5 EC No: 227-813-5  CAS No: 5989-27-5 EC No: 227-813-5  Skin irritation 2							8			GL NA	F. M. ATF	
Limonene CAS No: 5989-27-5 20-55% Aspiration hazard 1 Environmental hazard chronic 1 Flammable liquid 3 Skin irritation 2	Subs	stance name			_			_		CL, M	-Factor, AIE	
Limonene CAS No: 5989-27-5 20-55% Aspiration hazard 1 Environmental hazard chronic 1 Flammable liquid 3 Skin irritation 2		Ar		Anne	x v	I			(or			
EC No: 227-813-5  Environmental hazard chronic 1 Flammable liquid 3 Skin irritation 2								range)				
EC No: 227-813-5  Environmental hazard chronic 1 Flammable liquid 3 Skin irritation 2	Limo			CAS N	lo:	5989-27-5		20-55%		Aspira	tion hazard 1	
Flammable liquid 3 Skin irritation 2												
Skin irritation 2												
Skin Sensation 1B											•	
										Skin Se	ensation 1B	





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Linalool	CAS No: 78-70-6	3-45%	Acute Toxicity 5
	EC No: 201-134-4		Eye damage/ irritation 2A
			Flammable Liquid 4
			Skin irritation 2
Linalyl Acetate	CAS No: 115-95-7	15-40%	Eye damage/ irritation 2A
	EC No: 204-116-4		Flammable liquid 4
			Skin irritation 2
Beta Pinene	CAS No: 127-91-3	3-12%	Aspiration hazard 1
	EC NO: 204-872-5		Flammable liquid 3
			Skin irritation 2
			Skin Sensation 1B
Gamma Terpinene	CAS No: 99-85-4	2-12%	Aspiration hazard 1
	EC No: 202-794-6		Flammable liquid 3
			Skin irritation 3
Alpha Pinene	CASE No. 80-56-8	0.5 -4%	Aspiration hazard 1
	EC No. 201-291-9		Flammable liquid 3
			Skin irritation 2
			Skin sensation 1B
			Acute Toxicity 5
Beta Myrcene	CAS No. 123-35-3	0.5 -2.5%	Aspiration hazard 1
	EC No. 204-622-5		Eye damage / irritation 2A
			Flammable liquid 3
			Skin irritation 2

4. First Aid Measures	
<b>4.1</b> General	
Inhalation	Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
Skin contact	Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention
Ingestion	Rinse mouth out with water. Do NOT induce vomiting. Immediately call POISON CENTER or GP.
4.2 Most important symptoms a	nd effects, both acute and delayed:
Symptoms	Inhalation can cause slight headache. Contact can cause eye irritation, slight skin rash
Acute and delayed effects	No post-disorder effects are reported.
4.3 Indication of any immediate	medical attention and special treatment need
Immediate medical attention and special treatment	See point 4.1
First Aid Specific Means	Eye wash fountain / safety shower should be available in the work area.
5. Firefighting Measures	





bespoke skincare innovations  The English Are	
5.1 Extinguishing Media:	T
Suitable extinguishing media:	Small fire: use CO2, foam, dry powder.
	Large fire: use water spray or fog. Cool containing vessels with water jet to
	prevent pressure build-up, auto- ignition or explosion.
Unsuitable extinguishing	Pressurised water jet.
media:	
5.2 Special hazards arising from t	he substances or mixture
Hazardous combustion	Vapours may form explosive mixture with air. In case of fire, the following
products:	can be released: Carbon monoxide (CO), Carbon dioxide (Co2), smoke, soot.
Advice for firefighters	Standard procedures for chemical fires. Spray extinguishing media to base
	of flames. Use adequate protections for respiratory apparatus, avoid
	vapour inhalation.
6 Accidental release measures	
	ive equipment, and emergency procedures
6.1.1 For non-emergency personi	<u> </u>
Protective equipment:	In case of unintentional important release of the product in enclosed space
	use respiratory protection (Gas filter A, Colour code brown: consider the
	maximum duration for wear) must be worn. Use insulating device for
	respiratory protection with an independent air supply in circumstances
	which are unclear. Use adequate protections solvent resistant: security
	shoes, bodysuit, gloves, and protective goggles (see section 8).
Emergency procedures:	Remove any ignition source and ensure adequate ventilation in working
Emergency procedures.	areas following accidental releases.
	areas following accidental releases.
6.1.2 For Emergency responders	As per non-emergency personnel.
6.2 Environmental precautions	Avoid release to the environment. Keep away from drains. Keep away from
•	surface and ground water.
6.3 Methods for cleaning up –	Keep away from heat and non-combustible absorbing sawdust (sand,
6.3.1 For containment:	specific binder).
6.3.2 For cleaning up:	Using suitable pumping systems for inflammable materials. Refer to
o.s ror occurring up.	Section 13 for appropriate methods of waste treatment.
6.3.3. Other information:	Section 15 for appropriate methods of waste treatment.
6.4 Reference to other sections	See sections 4,8 and 13
0.4 Reference to other sections	See Sections 4,0 and 13
7. Handling and storage	
	; During handling keep original container closed.
Protective measures:	
Measures to prevent fire:	Avoid any sources of ignition. Avoid exposing to high temperature during
	processing.
Measures to prevent aerosol	Maintain adequate local and general ventilation where product is handled.
and dust generation:	





Measures to protect the	
environment:	
Advice on general occupational	Avoid contact with skin and eyes. Wear adequate protective gloves and
hygiene:	eye/face protection.
75 -	Do not ingest or apply to the skin as such. No smoking. Remove
	contaminated clothing. Good personal washing routines should be
	followed. If at risk of contamination, foods, beverages, and other articles of
	consumption must not be stored or consumed at the work areas.
7.2 Conditions for safe storage, in	ncluding any incompatibilities
<b>Technical measures and storage</b>	
conditions:	
Packaging Materials:	
Requirements for storage and	To be stored in stainless steel drums, preferably under inert atmosphere
vessels:	(nitrogen) with minimum head space, protected from daylight. The
	container used during transportation must be considered only as a
	temporary container and it must not be considered in any case adequate for
	medium- or long-term warehousing. Store in a dry, aerated place, away
	from any heat source and ignition source at temperature from 5°C to 20°C
Storage Class: Further	
information on storage	
containers:	
7.3 Specific end use(s).	Use as odour agent/ flavouring agent. The information in this section are
	not related to the use of the product in combination with any other
	materials or any other process altering its characteristics.
Recommendations:	
Industrial sector specific	
solutions:	
8. Exposure controls/Personal pr	
8.1 Control parameters	No further information available
8.2 Exposure controls	
8.2.2 Personal Protection equip	
8.2.2.1 Eye / face protection	Protective goggles with built in frame tested to EN166 (should be checked regularly).
8.2.2.2 Skin Protection	
Hand protection	Suitable gloves tested to EN373 (should be checked regularly). Always use the clean, dry hands.
Other skin protection	Protective work clothing solvent resistant (should be checked regularly).
8.2.2.3 Respiratory protection	Not necessary in adequate local with general ventilation. Avoid breathing vapours.
Ventilation	'
8.2.2.4 Thermal hazards	None
8.2.3 Environmental exposure controls	The usual precautions in handling chemicals have to be observed.
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9. Physical and chemical proper	
9.1 Information on basic physica	l and chemical properties
Colour	
Appearance	Colourless liquid
Odour	Citrusy
Melting Point / freezing point	<- 30°C at 101.3 kPa
Boiling point /Initial boiling point	
& boiling range	
Flammability	
Lower and upper explosion limit	Not determined
Flash point <sup>0</sup> C	56°C
Auto- ignition temperature	235°C at 101.89 kPa
Decomposition	Not determined
рН	Not applicable
Kinematic Viscosity	Not determined
Solubility	In alcohol and other oils. 87% of the substance have solubility >40 mg/L into water.
Partition coefficient n-octanol/	4.38 at 25°C for the component Limonene; 3.38 at 25°C for the component
water (log value)	Linalool: 4.39 at 25°C for the component Linalyl Acetate.
Vapour Pressure	123.1 Pa at 25°C
Density and /or relative density	Not determined
Relative vapour density @20°C	0.8678
Particle characteristics	0.0070
Explosive Properties	None
Oxidising Properties	None
9.2 Other information	No information available
Specific gravity d 20 20	140 Information available
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major	
components	
Components	
10. Stability and reactivity	
10.1 Reactivity	This substance does not react with water. The substance is unreactive if it is
	stored according to the recommendations in Sections 7 and in accordance
	with the identified uses (see Subsection 1.2).
10.2 Chemical Stability	Stable Substance when stored according to recommendations in Section 7
	and in accordance with the identified uses (see Subsection 1.2). Shelf Life is
	18 months from the date of production, I the recommended storage
	conditions (see Section 7).
10.3 Possibility of hazardous	None if used according to storage and handling conditions (see Section 7)
reactions:	and identified uses (see subsection 1.2).
10.4 Conditions to avoid:	Avoid exposure to any heat source.





10.6 Hazardous Decomposition   No known hazardous decomposition products   Storage and handling conditions. In case combustion: Carbon monoxide (CO), Carbon dioxide (CO2).	10.5 Incompatible Materials:	Avoid exposure	to any h	neat source.		
III. Toxicological information   III. Toxicological information	10.6 Hazardous Decomposition	No known hazardous decomposition products under recommended			nmended	
CO), Carbon dioxide (CO2).	Products	storage and har	ndling co	onditions. In case	combustion: Carb	on monoxide
Acute toxicity:		(CO), Carbon di	oxide (C	O2).		
Acute toxicity:						
Acute toxicity:	11. Toxicological information	1				
Acute toxicity:   Oral Route		es as defined in	Regulat	ion (EC) No 1272	2 /2008	
Carcinogenicity:   Not determined.   Adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with Coriamer study)						ethod: rat
Dermal Route   LD50: > 20000 mg/kg bw (method: rabbit (albino) equivalent Guideline 402).   Other Routes   No determined.						
equivalent Guideline 402).   Other Routes   No determined.		Dermal Route				
Other Routes		2 cmarroace				. rabbie (albino)
Skin corrosion /irritation:       Dermal Sensitisation: - Considered as a skin sensitizer due to the content of Limonene and Linalool.         Seriously eye damage/irritation:       Not determined.         Respiratory or skin sensitisation:       Not determined.         Germ cell mutagenicity:       Not determined.         Carcinogenicity:       Not determined.         Reproductive toxicity:       Oral Route       Adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with Coriander study)         Developmental Toxicity       Oral Route       Adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with Coriander study)         Developmental Toxicity       Oral Route       Adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with Coriander study)         Owner company       Lorillard, Inc.         Report Date       12.4.1989         Summary of evaluation of the CMR properties:       12.4.1989         STOT- single exposure,       No determined.         Target Organs       Urogenital, kidneys, digestive, stomach         Aspiration hazard:       Can be fatal if swallowed an enters airways due to volatile hydrocarbon content > 10%         Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, a		Other Routes				
Limonene and Linalool.   Seriously eye damage/irritation:   Not determined.	Skin corrosion /irritation:		ation: - (		kin sansitizar dua t	o the content of
Seriously eye damage/irritation:  Respiratory or skin sensitisation:  Germ cell mutagenicity:  Carcinogenicity:  Reproductive toxicity:  Developmental Toxicity  Developmental Toxicity  Coral Route  Developmental Toxicity	Skiii Corrosion / iiiitation.			Lonsidered as a si	KIII SEIISIUZEI UUE U	o the content of
Respiratory or skin sensitisation:  Germ cell mutagenicity:  Carcinogenicity:  Reproductive toxicity:  Developmental Toxicity  Oral Route  Oral Route  Adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with Coriander study)  Owner company  Lorillard, Inc.  Report Date  Adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with Coriander study)  Owner company  Lorillard, Inc.  Report Date  Oral Route  Adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with Coriander study)  Owner company  Lorillard, Inc.  Report Date  12.4.1989  Summary of evaluation of the CMR properties:  STOT- single exposure,  No determined.  STOT-repeated exposure:  Target Organs  Urogenital, kidneys, digestive, stomach  Aspiration hazard:  Can be fatal if swallowed an enters airways due to volatile hydrocarbon content > 10%  Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, a	Soriously ava damaga/irritation:					
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Developmental Toxicity			<del>ا</del> .	A -l	la a a mara al NIOAEL a 20	C.C (1
Developmental Toxicity	Reproductive toxicity:	Oral Route			9 9	
Report Date   12.4.1989					ander study)	
Developmental Toxicity  Oral Route  Adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with Coriander study)  Owner company Lorillard, Inc. Report Date  12.4.1989  Summary of evaluation of the CMR properties:  STOT- single exposure,  No determined.  STOT-repeated exposure:  Oral Route  Target Organs Urogenital, kidneys, digestive, stomach kidneys, digestive, stomach  Can be fatal if swallowed an enters airways due to volatile hydrocarbon content > 10%  Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, a			У			
bw/day (rat) (read across with Coriander study)   Owner company   Lorillard, Inc.     Report Date   12.4.1989		•				
Owner company Lorillard, Inc. Report Date 12.4.1989  Summary of evaluation of the CMR properties:  STOT- single exposure, No determined.  STOT-repeated exposure: Target Organs Urogenital, kidneys, digestive, stomach  Aspiration hazard: Can be fatal if swallowed an enters airways due to volatile hydrocarbon content > 10%  Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, and the company to the content of	<b>Developmental Toxicity</b>	Oral Route				5 5
Summary of evaluation of the CMR properties:  STOT- single exposure,  STOT-repeated exposure:  Oral Route  Target Organs  Urogenital, kidneys, digestive, stomach  Aspiration hazard:  Can be fatal if swallowed an enters airways due to volatile hydrocarbon content > 10%  Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, and the constituents is a summary of the constituents are constituents.					nd across with Cori	ander study)
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Aspiration hazard:  Can be fatal if swallowed an enters airways due to volatile hydrocarbon content > 10%  Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, a	STOT-repeated exposure:	Oral Route		<b>Target Organs</b>		_
Aspiration hazard:  Can be fatal if swallowed an enters airways due to volatile hydrocarbon content > 10%  Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, a						, ,
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Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, a	Aspiration hazard:		wallowe	d an enters airway	ys due to volatile h	ydrocarbon
fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, a						
no specific information is available on the extent of dermal and inhalation absorption, this is assumed to be						
·	·				•	
comparable to oral absorption as a worst case. For risk assessment purposes, the absorption after oral, dermal	·			• •	•	
and inhalation exposure are therefore assumed to be identical and route-to-route extrapolation from the oral to	and inhalation exposure are therefore	ore assumed to be	e identic	al and route-to-ro	oute extrapolation	from the oral to
inhalation and dermal route is not required.	inhalation and dermal route is not	required.				
12. Ecological information	12. Ecological information					
12.1 Toxicity Aquatic Environment Harmful to aquatic life with long lasting effects.	12.1	Toxicity	Aquatio	Environment	· ·	tic life with long





		Acute – Fish (Semi-	LL50 (24h): 57 mg/ I test mat.
		static Freshwater)	(nominal)-Oncorhynchus mykiss
			– metodo OECD Guideline 203
			(Fish, Acute Toxicity Test).
			LL50 (48h): 18 mg/l test mat.
			(nominal) - Oncorhynchus
			mykiss – metodo OECD
			Guideline 203 (Fish, Acute
			Toxicity Test).
			LL50 (72h): 18 mg/l test mat.
			(nominal) - Oncorhynchus
			mykiss – metodo OECD
			Guideline 203 (Fish, Acute
			Toxicity Test).
			LL50 (96h): 18 mg/l test mat.
			(nominal) - Oncorhynchus
			mykiss – metodo OECD
			Guideline 203 (Fish, Acute
			Toxicity Test).
		Acute – Aquatic	EL50 (24h): 60 mg/l test mat.
		Invertebrates (Static	OECD Guideline 202 (Daphnia
		Freshwater)	sp. Acute Immobilisation Test).
			EL50 (48h): 33 mg/l test mat.
			OECD Guideline 202 (Daphnia
			sp. Acute Immobilisation Test).
			NOEL (48h): 18 mg/l test mat.
			(nominal) – OECD Guideline 202
			(Daphnia sp. Acute
			Immobilisation Test).
		Acute – Algae &	EL50 (72h): 11 mg/l test mat.
		Aquatic Plants (Static	(Tested as WAF) (nominal) OECD
		Freshwater)	Guideline 201 (Alga, Growth
		A O.I	Inhibition Test).
		Acute – Other	Not tested.
		Organisms Chronic – Other	Not tosted
		Organisms	Not tested.
12.2	Persistence	This substance is conside	L ored as a NCS readily
12.6	and	biodegradable and there	,
	Degradability	Sioucgiadable and there	Totals flot persistent.
12.3	Bio	As the constituents are re	eadily biodegradable
	accumulative		and a second desired
	potential		
12.4	Mobility in	This substance is conside	ered as a readily biodegradable
	soil		biodegradability of the NCS,
<u>l</u>	_ <del></del>	Basea on the ready	s.s.sgradasine, or the 1165,





bespoke skincare in	inovations	
		simulations test in surface water, sediment and soil are not required.
12.5	Results of	This substance is not PBT or vPvB.
	PBT and	
	vPvB	
	Assessment	
12.6	Endocrine	
	disrupting	
	properties	
12.7	Other	Not determined.
	effects	

<ul><li>13. Disposal considerations</li><li>13.1 Waste treatment methods</li></ul>	The containers used for this product must be completely empty before
13.1 Waste treatment methods	disposal. Disposal of contents and containers in accordance with
	local/regional/national/international regulations. Disposal of this product in
	the environment is illegal.
13.1.1. Product /Packaging	
disposal:	
13.1.2 Waste treatment-relevant	
information:	
13.1.3 Sewage disposal-relevant	
information:	
13.1.4 Other disposal-relevant	
recommendations:	
14. Transport information	T
14.1 UN Number or ID number	1169
14.2 UN proper Shipping name	Extracts, aromatic, liquid
14.3 Transport hazard class(es)	Class 3
Transport Hazard Symbols IMDG, ADR, RID	
ICAO, IATA	
14.4 Packing group	III
14.5 Environmental hazards	Marine pollutant
14.6 Special precautions for user	This product contains constituents that are flammable and dangerous for
	the environment. In case of pouring out, make sure to label new package,
	accordingly, reproducing original label with relevant symbols.
14.7 Maritime transport in bulk	According to Annex 11 of MARPOL and the IBC Code. N/A
according to IMO instruments	





15 Regulatory information	
15.1 Safety, health, and	No specific EU provisions and /or regulations apply to this substance.
environmental regulations /	
legislation specific for the	
substance or mixture	
15.2 Chemical Safety Assessment	A study for the chemical safety assessment of the substances was
	conducted during the preparation of registration for REACH.

### 16. Other information

(i) Indication of Changes: Revised Safety Data Sheet Format: From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021'.

### (ii) Abbreviations and acronyms:

CSR Chemical Safety Report
CSA Chemical Safety Assessment
CLP Regulation (EU) No. 1272 /2008

Asp. Tox Aspiration hazard
Aquatic Chronic Aquatic hazard
Skip british hazard

Skin Irrit.Skin Irritation hazard.Skin Sens.Skin Sensitisation hazardEye Irrit.Eye Irritation hazardFlam. Liq.Flammable liquid hazard

**WAF** Water Accommodated Fractions

LD50 Lethal Dose 50
LEthal Loading 50
EL50 Effective Loading 50

**NOAEL** No-Observed Adverse Effect Level.

**NOEL** No-Observed Effect Level

**LOEL** Organisation for Economic Co-operation and Development

### (iii) Key Literature references and sources of date.

	CAS	ID	Note
EINECS	89957-91-5	289-612-9	
TSCA	8007-75-8	-	
IECSC	8007-75-8	-	
KECI	8007-75-8	KE-26829	
DSL	8007-75-8	-	
AICS	8007-75-8	-	





ENCS-ISHL	8007-75-8	11-(1)-575	
NZIOC	8007-75-8	-	
PICCS	8007-75-8	-	
FDA	-	21CFR182.20	
СоЕ	-	137	
FEMA	8007-75-8	2153	
HS Code	-	3301192000	EU TARIFF

### (iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):

**Contaminants: -** This product has been analysed to ensure that the levels of heavy metals, phthalates and allergens respectively comply with the relevant regulations.

Classification according to	Classification procedure
Regulation (EC) 1272/2008(CLP)	
(v) Relevant H-statements	
(number and full text):	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.

#### QC requirements

In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

#### **Disclaimer:**

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.

**WARNING/DISCLAIMER:** The information in this MSDS is correct to the best of our knowledge, covering the involved product at the date of its publication. They apply to the product as such as per the described specifications. The information is not related to the use of the product in combination with any other material or any other process altering its characteristics. The end user should apply to the existing normative and laws covering the use of the product, the hygiene and security at work. the container used during transportation must be considered only as a temporary container and it must not be considered in any case adequate for medium or long-term warehousing. Upon receipt, our product must be stored as soon as possible in compliance with Section 7 of this MSDS. The





information given in this MSDS is in accordance with the Regulation (EU) No. 2015/830, Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008