

1907/2006 (REACH) Article 31, 2015/830/EU and 1272/2008/EC (CLP) Date 01.11.2018

1.	. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING						
1.1	Product identifier: GINKGO BILOBA EXTRACT						
1.2	Relevant identified uses of the substance or mixture and uses advised against: Cosmetics raw material						
1.3	Details of the supplier of the safety data sheet: ACCESS NATURALS Petra Yialou, 190 04 SPATA, ATHENS, GREECE Tel.: (+30) 210.8104206 Web: <u>www.access-naturals.gr</u> , e-mail: <u>info@access-naturals.gr</u>						
1.4	Emergency telephone number:Hellenic Poison Centre Tel.:(+30) 210.7793777European Emergency Tel.:112						
	Supplier's emergency telephone number:Calls from 08:00 to 16:00:(+30) 210.8104206						
2.	HAZARDS IDENTIFICATION						
2.1	Classification of the substance or mixture: The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).						
2.2	Label elements: This product is not subject to hazard labeling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.						
	Hazard pictograms: Not applicable						
	Signal words: Not applicable						
	Hazard statements: Not applicable						
	Precautionary statements: Not applicable						
2.3	Other hazards: On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.						
3.	COMPOSITION/INFORMATION ON INGREDIENTS						
3.1	8.1 Substances: Information not relevant.						
3.2	3.2 Mixtures: The product does not contain substances classified as hazardous to human health or the environment in accordance with the provisions of Regulation (EU) 1272/2008 (CLP) (and subsequent conversions and adaptations) in such quantities as to require their declaration.						
	entification Conc. %. Classification 1272/2008 (CLP)						
	inkgo biloba leaf extract 9 - 11 Not classified						
c	E. 289-896-4						
	IDEX						



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Glycerol					
CAS. 56-81-5	40 - 50	Not classified			
CE. 200-289-5					
INDEX					
Reg. No. 01-2119471987-18-0000					
Aqua					
CAS. 7732-18-5	40 - 50	Not classified			
CE. 231-791-2					
INDEX					
Reg. No					
Sodium benzoate					
CAS. 532-32-1	0.09 - 0.11	Eye Irrit. 2 H319			
CE. 208-534-8					
INDEX					
Reg. No. 01-2119460683-35-0000					
Potassium sorbate					
CAS. 590-00-1	0.09 - 0.11	Eye Irrit. 2 H319			
CE. 246-376-1					
INDEX					
Reg. No. 01-2119950315-41-0000					
Citric acid					
CAS. 5949-29-1	0.19 – 0.21	Eye Irrit. 2 H319			
CE. 201-069-1					
INDEX					
Reg. No. 01-2119457026-42-0000					
4. <u>FIRST AID MEASURES</u>					
4.1 Description of first aid measures:					

Not specifically necessary. Observance of good industrial hygiene is recommended.

- **4.2 Most important symptoms and effects, both acute and delayed:** Specific information on symptoms and effects caused by the product are unknown.
- **4.3** Indication of any immediate medical attention and special treatment needed: Information not available.

5. <u>FIREFIGHTING MEASURES</u>

5.1 Extinguishing media:

SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

5.2 Special hazards arising from the substance or mixture: HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

5.3 Advice for firefighters:

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

<u>EQUIPMENT</u>

Normal firefighting clothing i.e. fire kit (EN 469), gloves (EN 659) and boots (HO specification A29 or A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (EN 137).



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6.	ACCIDENTAL RELEASE MEASURES									
6.1	Block the leakage if there is no hazard. Wear suitable protective equipment (including personal protective equipment referred to under section 8 of the safety									
	data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.								processing	
6.2										
0.2	Environmental precautions: The product must not penetrate the sewer system or come into contact with surface water or ground water.									
6.3	Methods and material for containment and cleaning up: Collect the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in section 13.									
6.4	Reference to c Any informatic		s: al protection an	d disposal	is given in s	ections 8	and 13.			
7.	HANDLING AND	STORAGE								
7.1	Precautions for safe handling: Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.								the product	
7.2	Conditions for safe storage, including any incompatibilities: Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.							ction 10 for		
7.3	Specific end us Information no									
8.	EXPOSURE CON	TROLS/PERSC	ONAL PROTECT	ON						
8.1	Control param									
GL	YCEROL									
	eshold Limit Valu									
Тур	e Co	ountry	TWA/8h mg/m3	ppm		/15min g/m3	рр	m		
W	EL	GBR	10							
Pre	edicted no-effect	concentration	n - PNEC							
No	Normal value in fresh water 0.885 mg/l									
-	Normal value in marine water 0.0885 mg/l									
	Normal value for fresh water sediment 3.30 mg/kg									
	Normal value for marine water sediment 0.33 mg/kg									
	Normal value of CTB microarganisms 8.85 mg/l									
	Normal value of STP microorganisms1000 mg/lNormal value for the food chain0.141 mg/kg									
	(secondary poisoning) Health - Derived no-effect level - DNEL / DMEL									
ne	ann - Denveu no-		ects on consum	ers				Effects on v	vorkers	
R	oute of Acu			onic	Chronic	Acute	•	Acute	Chronic	Chronic
	posure loci			cal	systemic	local		systemic	local	systemic
	Oral			2	29 mg/kg bw/d					
Inhalation 33 mg/m3 56 mg/m3										



Ginkgo biloba Extract

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8.2	Exposure controls:						
	-	res usually applied when handling chemical substances.					
8.2.1	Eye protection:						
	Wear airtight protective goggle	es (see standard EN 166).					
8.2.2	Skin protection:						
	<u>Hand protection:</u>						
	Protect hands with category I work gloves (see standard EN 374). The following should be considered						
		terial: compatibility, degradation, failure time and permeability. The					
	-	nical agents should be checked before use, as it can be unpredictable.					
	The gloves wear time depends on the duration and type of use.						
	Other skin protection:						
	Wear category I professional lo	ong-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO					
	20344). Wash body with soap a	and water after removing protective clothing.					
8.2.3	Respiratory protection:						
0.2.3		d otherwise in the chemical risk assessment.					
8.2.4	Environmental exposure contro						
		anufacturing processes, including those generated by ventilation equipment, should be					
	checked to ensure compliance	with environmental standards.					
9.	PHYSICAL AND CHEMICAL PROP	ERTIES					
9.1	Information on basic physical	and chemical properties:					
	Appearance:	Liquid					
	Color:	Yellow					
	Odor:	Characteristic					
	pH:	4.0-6.0					
	Flash point:	>60°C					
	Density: Solubility:	1.03-1.15 g/ml In water					
	Johdbinty.						
9.2	Other informations:						
	VOC (Directive 2010/75/EC):	0 %					
	VOC (volatile carbon):	0 %					
10.	STABILITY AND REACTIVITY						
10.1	Reactivity:						
10.1	-	reaction with other substances in normal conditions of use.					
	Chemical stability:						
10.2	-	I conditions of use and storage					
10.2	The product is stable in norma						
-	The product is stable in norma						
10.2 10.3	The product is stable in norma Possibility of hazardous reacti	ons:					
-	The product is stable in norma Possibility of hazardous reacti						
-	The product is stable in norma Possibility of hazardous reacti	ons:					
10.3	The product is stable in norma Possibility of hazardous reacti No hazardous reactions are for Conditions to avoid:	ons:					
10.3 10.4	The product is stable in norma Possibility of hazardous reacti No hazardous reactions are for Conditions to avoid: None in particular. However, th	ons: reseeable in normal conditions of use and storage.					
10.3	The product is stable in norma Possibility of hazardous reacti No hazardous reactions are for Conditions to avoid:	ons: reseeable in normal conditions of use and storage.					



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0.6	6 Hazardous decomposition products: Information not available.					
1.	TOXICOLOGICAL INFORMATION					
	According to currently available data, this product has not yet produced health damages. Anyway, it must be to good industrial practices	handled according				
1.1	1 Information on toxicological effects:					
	Metabolism, toxicokinetics, mechanism of action and other information					
	Information not available					
	Information on likely routes of exposure					
	Information not available Delayed and immediate effects as well as shrenia effects from short and long term expective					
	<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u> Information not available					
	Interactive effects					
	Information not available					
	ACUTE TOXICITY.					
	LC_{50} (Inhalation) of the mixture: Not classified (no significant component)					
	LD_{50} (Oral) of the mixture: Not classified (no significant component)					
	LD_{50} (Dermal) of the mixture: Not classified (no significant component)					
	GLYCEROL					
	LD ₅₀ (Oral) 27200 mg/kg Rat					
	LD ₅₀ (Dermal) > 18700 mg/kg Rabbit					
	SKIN CORROSION / IRRITATION					
	Does not meet the classification criteria for this hazard class					
	SERIOUS EYE DAMAGE / IRRITATION					
	Does not meet the classification criteria for this hazard class					
	<u>RESPIRATORY OR SKIN SENSITISATION</u> Does not meet the classification criteria for this hazard class					
	GERM CELL MUTAGENICITY					
	Does not meet the classification criteria for this hazard class					
	CARCINOGENICITY					
	Does not meet the classification criteria for this hazard class					
	REPRODUCTIVE TOXICITY					
	Does not meet the classification criteria for this hazard class					
	<u>STOT - SINGLE EXPOSURE</u> Does not meet the classification criteria for this hazard class					
	STOT - REPEATED EXPOSURE					
	Does not meet the classification criteria for this hazard class					
	ASPIRATION HAZARD					
	Does not meet the classification criteria for this hazard class					
2.	ECOLOGICAL INFORMATION					
	Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.					
2.1	1 Toxicity:					
	GLYCEROL					
	LC ₅₀ - for Fish. 54000 mg/l/96h Oncorhynchus mykiss					
	EC ₅₀ - for Algae / Aquatic Plants. > 10000 mg/l/72h					



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12.2	Persistence and degradability:						
	GLYCEROL						
	Solubility in water. 1000000 mg/l						
	Rapidly degradable.						
2.3	Bioaccumulative potential:						
	GLYCEROL						
	Partition coefficient: n-octanol/water1.76						
2.4	Mobility in soil:						
	Information not available.						
.2.5	Results of PBT and vPvB assessment:						
	Based on available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.						
2.6	Other adverse effects:						
	Information not available.						
.3. <u>I</u>	DISPOSAL CONSIDERATIONS						
3.1	Waste treatment methods:						
	Reuse, when possible. Neat product residues should be considered special non-hazardous waste.						
	Disposal must be performed through an authorized waste management firm, in compliance with national and european						
	regulations.						
	CONTAMINATED PACKAGING						
14.	CONTAMINATED PACKAGING						
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14.1 14.2 14.3 14.4 14.5	CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations. TRANSPORT INFORMATION The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations. UN number: Not applicable. UN proper shipping name: Not applicable. Packing group: Not applicable. Packing group: Not applicable. Environmental hazards: Not applicable.						
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15. REGULATORY INFORMATION 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: Seveso Category - Directive 2012/18/fC: None Substances: in Candidate List (Art. 59 REACH). Based on available data, the product does not contain any SVHC in percentage greater than 0.3%. Substances: subject to exportation reporting pursuant to [fC] Reg. 649/2012. None. Substances: subject to exportation reporting pursuant to [fC] Reg. 649/2012. None. Substances: subject to the Rotterdam Convention. None. Substances: subject to the Stockholm Convention. None. Substances: subject to the Stockholm Convention. None. Healthcare controls. Information not available. 15.2 Chemical safety assessment: No chemical safety assessment has been processed for the mixture and the substances it contains. 15.0 OTHER INFORMATION Eve trit. 2 Eve irritation, category 2. H319 Causes serious eye irritation. 1C60NO: CAS NUMBER: Chemical Astract Service Number C50S: (Environment Torgen archive of existing substances) C-DIVERENTORENT (Requestion Torgen archive of existing substances) C4SS: Unopean Agreement concerning the car							
5.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: Seveso Category - Directive 2012/18/EC: None Substances subject to 2012/18/EC: None Substances subject to authorization (Annex XIV REACH). Substances subject to authorization (Annex XIV REACH). None. Substances subject to the Rotterdam Convention. None. Substances subject to the Rotterdam Convention. None. Substances subject to the Rotterdam Convention. None. Healthcare controls. Information not available. 15.2 Chemical safety assessment: No chemical safety assessment: No chemical safety assessment: No chemical safety assessment: Causes serious eye irritation. Evert 1: 2 Eve irritation, category 2. H319 Causes serious eye irritation. ICGNO: -CANUMER: Chemical Astrate Sarvice Number CTSD: Chemical Astrate Sarvice Number Causes serious eye irritation. ICGNO: -CANUMER: Chemical Astrate Sarvice Number CTSD: Chemical Astrate Sarvice Number Causes serious eye irritation. ICGNO: -CANUMER: Chemical Natrate	15						
Seveso Category - Directive 2012/18/EC: None Substances in Candidate List [Art. 53 REACH] Based on available data, the product does not contain any SVHC in percentage greater than 0.1%. Substances subject to authorisation (Annex XIV REACH). None. Substances subject to exportation reporting pursuant to [EC] Reg. 549/2012. None. Substances subject to the Rotterdam Convention. None. Healthcare controls. Information not available. Chemical safety assessment No chemical safety assessment No chemical safety assessment No chemical safety assessment has been processed for the mixture and the substances it contains. Control of the Rotterdam Convention. None. Healthcare controls. Information not available. Chemical safety assessment No chemical safety assessment No chemical safety assessment No chemical safety assessment has been processed for the mixture and the substances it contains. Control of the Rotterdam Convention. LiceTex Distribution (Ling Convention Distribution Convention. LiceTex Distribution (Ling Convention Distribution Convention Distribution Convention (Ling Convention Ling Convention Distribution Convention Distribution Convention (Ling Convention Distribution Convention Distr	12.	REGULATORY INFORM					
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Ginkgo biloba Extract

1907/2006 (REACH) Article 31, 2015/830/EU and 1272/2008/EC (CLP) Date 01.11.2018

- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

Note for user:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.