Import and distrubition for Serbia: Avena Lab - Farmadria d.o.o.
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www.avenalab.com

AHA FRUIT ACIDS

1. IDENTIFICATION

Product Name:	AHA Fruit Acid
INCI Name:	Aqua, Vaccinium Myrtillus Fruit Extract, Saccharum Officinarum Extract, Citrus Aurantium Dulcis Extract, Citrus Limon Fruit Extract, Acer Saccharum Extract
CAS#:	7732-18-5, 84082-34-8, 91722-22-4, 84012-28-2, 92346-89-9, 91770-22-8
Product Form:	Mixture
Product Use:	Cosmetic use
Distributor:	Avena Lab, Farmadria d.o.o.
Address:	Heroja Pinkija 44, Vršac
Telephone:	+381(0)695565028 or +381(0)695565029
Website:	www.avenalab.com

2. HAZARD(S) IDENTIFICATION

GHS Signal Word:	**DANGER**
GHS Hazard Pictograms:	
Hazardous ingredients:	**GLYCOLIC ACID**
GHS Hazard Statements:	**H314: Causes severe skin burns and eye damage**
GHS Precautionary Statements:	**P260: Do not breathe mist, spray, vapours** **P280: Wear protective gloves, eye/face protection** **P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting** **P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower** **P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing** **P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing** **P310 - Immediately call Call a POISON CENTER or doctor/physician** **P321 - Specific treatment (see supplemental first aid instruction on this label)**

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
LACTIC ACID	(CAS No) 50-21-5 (EC no) 200-018-0	< 25	Skin Irrit. 2, H315 Eye Irrit. 2, H319
CITRIC ACID	(CAS No) 77-92-9 (EC no) 201-069-1	< 25	Eye Irrit. 2, H319
GLYCOLIC ACID	(CAS No) 79-14-1 (EC no) 201-180-5	< 25	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318
MALIC ACID	(CAS No) 97-67-6 (EC no) 202-601-5	< 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319
TARTARIC ACID	CAS No) 87-69-4 (EC no) 201-766-0	< 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335

4. FIRST-AID MEASURES

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.

Ingestion: Rinse mouth with water. Consult a doctor/medical service if you feel unwell. Rinse mouth. Do not induce vomiting. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after skin contact: Burns.
Symptoms/injuries after eye contact: Serious damage to eyes.
Symptoms/injuries after ingestion: Burns.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

Hazardous decomposition products in case of fire Toxic fumes may be released.

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up : Take up liquid spill into absorbent material.
Dispose of materials or solid residues at an authorized site.

7. HANDLING AND STORAGE

Precautions for safe handling: : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control

Appropriate engineering controls : Ensure good ventilation of the work station.

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls : Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Liquid
Colour	: No data available
Odour	: Characteristic
Odour threshold	: No data available
pH	: 1.6 - 2.4 10% solution
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: Not applicable
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: 1.16 - 1.21
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

10. STABILITY AND REACTIVITY

Reactivity:	**Product is stable**
Chemical Stability:	**Product is stable**
Hazardous Polymerization:	**Will not occur**
Conditions to Avoid:	**None under recommended storage and handling conditions (see section 7).**
Hazardous Decomposition Products:	**Under normal conditions of storage and use, hazardous decomposition products should not be produced.**

11. TOXICOLOGICAL INFORMATION

COSFLOR BLEND 025 EXFOLIANT HG1	
LD50 oral rat	> mg/kg
LD50 oral	> 2000 mg/kg

Citric Acid (77-92-9)	
LD50 oral	5400 mg/kg bodyweight (Equivalent or similar to OECD 401, Mouse, Male/female, Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value)

Skin corrosion/irritation : Causes severe skin burns and eye damage.
pH: 1.6 - 2.4 10% solution

Serious eye damage/irritation : Serious eye damage, category 1, implicit
pH: 1.6 - 2.4 10% solution

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

12. ECOLOGICAL INFORMATION

Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

COSFLOR BLEND 025 EXFOLIANT HG-1

Citric Acid (77-92-9)	
LC50 fish 1	440 - 760 mg/l (Equivalent or similar to OECD 203, 48 h, Leuciscus idus, Static system, Fresh water, Experimental value)

Persistence and degradability

COSFLOR BLEND 025 EXFOLIANT HG-1	
Persistence and degradability	Biodegradable.

Citric Acid (77-92-9)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.42 g O_2/g substance
Chemical oxygen demand (COD)	0.728 g O_2/g substance

Citric Acid (77-92-9)	
ThOD	0.686 g O_2/g substance
BOD (% of ThOD)	0.89 (20 day(s), Literature study)

Bioaccumulative potential

Citric Acid (77-92-9)	
BCF other aquatic organisms 1	3.2 (Other, Calculated value)
Log Pow	-1.80 - -1.61 (Experimental value)
Bioaccumulative potential	Not bioaccumulative.

Mobility in soil

Citric Acid (77-92-9)	
Ecology - soil	No (test)data on mobility of the substance available.

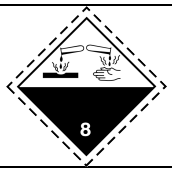
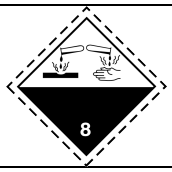
Results of PBT and vPvB assessment

Component	
Citric Acid (77-92-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

13. DISPOSAL CONSIDERATIONS

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

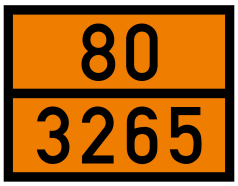
14. TRANSPORT INFORMATION

ADR	IMDG	IATA
UN number		
3265	3265	3265
UN proper shipping name		
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains Glycolic Acid)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains Glycolic Acid)	Corrosive liquid, acidic, organic, n.o.s. (Contains Glycolic Acid)
UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains Glycolic Acid), 8, II, (E)	UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains Glycolic Acid), 8, II	UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Contains Glycolic Acid), 8, II
Transport hazard class(es)		
8	8	8
		
Packing group		
II	II	II
Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

Special precautions for user

- Overland transport

Classification code (ADR) : C3
Special provisions (ADR) : 274
Limited quantities (ADR) : 1l
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P001, IBC02
Mixed packing provisions (ADR) : MP15
Portable tank and bulk container instructions (ADR) : T11
Portable tank and bulk container special provisions (ADR) : TP2, TP27
Tank code (ADR) : L4BN
Vehicle for tank carriage : AT
Transport category (ADR) : 2
Hazard identification number (Kemler No.) : 80

Orange plates : 

Tunnel restriction code (ADR) : E
EAC code : 2X
APP code : B

- Transport by sea

Special provisions (IMDG) : 274
Limited quantities (IMDG) : 1 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T11
Tank special provisions (IMDG) : TP2, TP27
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Stowage category (IMDG) : B
Stowage and handling (IMDG) : SW2
Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.

- Air transport

PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y840
PCA limited quantity max net quantity (IATA) : 0.5L
PCA packing instructions (IATA) : 851
PCA max net quantity (IATA) : 1L
CAO packing instructions (IATA) : 855
CAO max net quantity (IATA) : 30L
Special provisions (IATA) : A3
ERG code (IATA) : 8L

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

National regulations

No additional information available

Chemical safety assessment

No chemical safety assessment has been carried out

16. OTHER INFORMATION

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Disclaimer: Avena Lab, Farmadria d.o.o. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. It is the sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of our knowledge. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.