

TECHNICAL DATA SHEET

Effective date: 01.2021
Rev.1

AHA Fruit Acids

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Water, Vaccinium myrtillus fruit extract, Saccharum officinarum extract, Citrus aurantium dulcis fruit extract, Citrus limon fruit extract, Acer saccharum extract
Origin	Botanical
Manufacturing process	Based on a standardized extraction of five plant species: Bilberry, Sugar Cane, Orange, Lemon, and Sugar Maple. These botanical extracts deliver five natural AHAs to the skin: Lactic Acid (from Bilberry), Glycolic Acid (from Sugar Cane), Citric Acid (from Orange and Lemon), and Malic and Tartaric Acids (from Sugar Maple).
Additives	Preservatives: None, Antioxidants: None
Solvents Used	Water

TECHNICAL DATA

Physical parameters

Appearance	Clear liquid
Color	Colorless to pale yellow
Odor	Characteristic
pH (at 25°C)	4.0 - 5.0
Density	1.169 - 1.369
NVM (1g-1hr-105°C)	Min 50.0%
Soluble/ Miscible	Water soluble

Chemical parameters

Acid content	%
Lactic Acid	28.0 – 32.0 %
Glycolic Acid	12.0 – 17.0 %
Citric Acid	2.0 – 6.0 %
Malic Acid	Max 1.0 %
Tartaric Acid	Max 1.0 %

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Biological parameters

Microbial content	< 100 cfu/g
Yeasts & Molds	< 100 cfu/g
Gram negative bacteria	0 cfu/g

Impurities

Heavy metals	< 20 ppm
Arsenic	< 2 ppm
Lead	< 1 ppm
Cadmium	< 1 ppm

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	May sediment upon standing; mix well prior to use. Product may change appearance if exposed to cold temperatures during shipment or storage. If this happens, gently warm to 45-50°C and mix until normal appearance is restored. Keep in tightly closed containers in a cool and dry place, protected from light. Stable at usual storage and use conditions.
Shelf Life	24 months under good storage conditions

LEGISLATION

Certification	-
CMR	To our knowledge the above material is free of CMR substances, as defined according to Regulation (EC) No 1272/2008 and Cosmetic Regulation (EC) No 1223/2009 as amended. Products supported for Personal Care applications will not be classified as CMR, as defined by (EC) 1272/2008 on the Classification, Labeling and Packaging of Substances and Mixtures, unless supported by a positive SCCS opinion.
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
Processing	No Ethoxylation, No Irradiation, No Sulphonation
GMO	GMO Free

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Halal	This product does not contain any materials prohibited by Halal laws.
EINECS	231-791-2 & 281-983-5 & 294-424-5 & 232-433-8 & 284-515-8 & 294-807-7
CAS	7732-18-5 & 84082-34-8 & 91722-22-4 & 8028-48-6 (or) 84012-28-2 & 84929-31-7 & 91770-22-8

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.