

TECHNICAL DATA SHEET

AKOMPLEX AHA FRUIT HGL

CODE: GU-00625

DESCRIPTION

Description:	Phyto-Complex obtained by mixing fruit hydroglyceric extracts and AHA of fruit.	
Production site:	Italy	
Composition (FDA-KEY):	(A: >50% , B: 25-50% , C: 10-25% , D: 5-10% , E: 1-5% , F: <1%)	
	Aqua/Water	B
	Glycerin	B
	Citric acid	C
	Lactic acid	C
	Glycolic acid	C
	Tartaric acid	E
	Malic acid	E
	Pyrus malus (Apple) Fruit Extract	F
	Vitis vinifera (Grape) Leaf Extract	F
	Vaccinium myrtillus Leaf Extract	F
	Citrus limon Fruit Extract	F
	Saccharum officinarum (Sugar cane) Extract	F
CAS N.:	7732-18-5 / 56-81-5 / 77-92-9 / 50-21-5 / 79-14-1 / 87-69-4 / 97-67-6 / 82251-63-4 / 84929-27-1 / 84082-34-8 / 84929-31-7 / 91722-22-4	
EINECS/ELINCS N.:	231-791-2 / 200-289-5 / 201-069-1 / 200-018-0 / 201-180-5 / 201-766-0 / 202-601-5 / 286-475-7 / 284-511-6 / 281-983-5 / 284-515-8 / 294-424-5	

CHARACTERISTICS

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LIMIT

CHARACTERISTICS	UM	LIMIT
Appearance	-	Lightly opalescent liquid
Odour	-	Characteristic
Density (20 °C)	g/l	1,179 ± 0,01
Dry Substance Content (180 °C)	%	10,8 - 32,4
pH (10 % sol. in water - 20°C)	-	0,81 – 2,81
Solubility in water (5g/100 ml)	-	Soluble with light opalescence
Solubility in ethanol 60% Vol (5 g /100 ml)	-	Soluble with light opalescence

MICROBIOLOGY

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LIMIT

Total Plate Count	ufc/g	≤ 100
Yeasts and Molds	ufc/g	≤ 10

IMPURITIES/CONTAMINANTS

Pesticides (Organochlorine e Organophosphat):	according to limits of courent Eur. Ph.
Heavy metals and Impurities:	according to limits of courent Eur. Ph.

PRESERVATIVES

None.

CERTIFICATE LIST

CMR	free of
GMO	free of
Allergens	free of
BSE/ TSE	free of
Gluten	free of
Nanomaterials	free of
V.O.C (Volatile Organic Compounds)	free of
Irradiation	not irradiated
Latex, Lactose, Palm Oil	free of
Animal NON-testing	complies
GMP compliance	complies
REACH (Regulation N. 1907/2006)	Extract: exempt < 1 tonn/year Glycerin: exempt from registration



STORAGE AND SHELF LIFE

Preserve in hermetically closed containers; protect from light and heat sources.

Shelf life: 36 months.

In time the product can take a color change or a slight sediment may occur on the bottom of the container.

This is a natural product and this will not affect the quality of the product.

COSMETIC USE

Peeling, moisturising; it helps epidermic cell renewal. AKOMPLEX AHA FRUIT HGL is recommended for creams, lotions and gels formulations with moisturising and peeling actions.

DOSAGE

From 2 % to 4 % in shower gels and hydrating bubble bath products.

From 4 % to 8 % in creams, lotions and peeling gels.

This product could also be used in concentrations higher than 8 % but in these cases it should be considered for professional use, under medical/clinical suggestions.