

Akogel Plus™

Product number(s) | Site(s) of manufacturing

8074 | AAK-SE

Version

06

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Description

Akogel Plus™ is a blend of refined, hydrogenated and deodorised food grade vegetable oils and fats, carefully selected to obtain an oxidation stable product with a semi-solid consistency. This vegetable gel is developed to be an alternative to petroleum jellies. Akogel Plus™ has a neutral odour.

INCI: Hydrogenated Vegetable Oil, EINECS number: 269-820-6, CAS number: 68334-28-1

Application

Akogel Plus™ is a natural and renewable emollient offering formulations with good skin functionality, mildness and stability. At high concentrations a soft spreading and nice caring skin feel during and after application is obtained. Akogel Plus™ is recommended as the dominating natural emollient to be used in a wide range of skin and body care emulsions, ointments and anhydrous applications. It is especially suitable for caring formulations aimed for dry and sensitive skin such as skin exposed to various environmental stress conditions, aged skin and for baby care applications.

Sustainability

Produced in accordance with the requirements of RSPO supply chain model for Mass Balanced sustainable palm oil.

RSPO Supply Chain Certification No. CU-RSPO SCC-817671

Specifications

Colour 5 1/4" Red	Max 3,0	AOCS Cc 13j-97
Acid value (mg KOH/g)	Max 1,0	IUPAC 2.201(m)
Peroxide value (meq/kg)	Max 1,0	AOCS Cd 8b-90(m)
Iodine value Wijs	44 - 52	IUPAC 2.205

Typical values

Slip melting point (°C)	47	AOCS Cc 3-25
Oil stability index 110°C (h)	180	AOCS Cd 12b-92(m)
Solid fat content		IUPAC 2.150(a)
10°C (%)	67	
20°C (%)	35	
30°C (%)	18	
35°C (%)	14	
40°C (%)	10	

Packaging

Cartons of 25 kg

Above product is produced according to relevant national legislation. Specified values are guaranteed ex-works AAK factories. As the specific application is beyond our control, users should conduct their own tests to assure the suitability of the product for a specific application.



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Storage

Akogel Plus™ should be stored in dark, dry and odour free conditions. Recommended storage temperature is 15-20°C or below.

Shelf life

When stored in unopened original container according to recommended storage conditions, the recommended maximum storage time is three years from the production date. Within this time Akogel Plus™ fulfils the shelf life specification.

Shelf life specification

Peroxide value (meq/kg) max 5

Acid value max 1.0

Other information

For additional information about ecological data, shelf life etc see Product Documentation.

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