

Product information

Product name	AkoFeed Standard - A liquid vegetable feed fat
Raw material	Vegetable raw fatty acids from oil production.
Production	AkoFeed Standard is mixed with various vegetable fatty acids, according to a specific recipe.
Appearance	AkoFeed Standard is brown in colour, with a mild flavour. At room temperature its texture is viscous.
Application	Akofeed Standard is used as fat in feed mixtures for food producing animals as ruminants, swine, poultry and horses.
Shelf-life	AkoFeed Standard is best stored at 45°C, and then it has a shelf-life of 3 month.
Handling	<p>AkoFeed Standard is somewhat corrosive. Storage containers and equipment in contact with the product should thus be made of stainless materials. At a temperature of 40°C is AkoFeed Standard is pumpable, having a viscosity of 30 cp.</p> <p>The best absorption is achieved when the fat's temperature is raised to some 80°C before added to the feed mixture. Some smoke development may occur around 100°C, and at temperatures exceeding 200°C AkoFeed Standard is prone to catch fire.</p> <p>Its high content of polyunsaturated fatty acids (17% of linolenic acid) may, under adverse circumstances, cause spontaneous combustion.</p> <p>Should AkoFeed Standard get in contact with insulating material such as glass fibre or mineral wool, spontaneous combustion may occur. It must thus be ascertained that should, for example, a tank overflow, AkoFeed Standard may not permeate through the insulation. The tank should be equipped with level control.</p> <p>Valves should be installed so as to eliminate the risk for leakage into any insulating material. For that very same reason, the contact flange must <u>always</u> be located outside any insulation. Use nothing but all-welded piping and avoid threaded couplings.</p> <p>Please feel free to contact us when you are installing new tanks or pipings - we are happy to assist.</p>
Mode of delivery	AkoFeed Standard is delivered in bulk.
Price	According to current price list or quotation.

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Specifications for AkoFeed Standard

- Liquid vegetable feed fat

Water (%)	Max	1	
Impurities	Max	0,5	
Unsaponifiable matter (%)	Max	2,5	
Free fatty acids matter (%)	Ca	70	Max 75
Iodine value	Ca	80	
Peroxide value	Max	5	
Melting point (°C)	Ca	33	Max 38
Added antioxidant Paradigmox White (ppm)	Min	100	
Nickel content (ppm)	Max	10	
NEM (%) (glycerol-correlated non-elutable material)	Max	10	

Fatty acids

C12:0 Lauric acid (%)		4
C14:0 Myristic acid (%)		2
C16:0 Palmitic acid (%)		24
C18:0 Stearic acid (%)		9
C18:1 Oleic acid (%)		38
C18:2 Linoleic acid (%)		17
C18:3 Linolenic acid (%)		4
C20-C24 (%)	Max	3
C22:5 Docosapentaenoic acid (%)		<0,1
C22:6 Docosahexaenoic acid (%)		<0,1
Trans acids (%)		<1
Total Fatty acids (g)		960

Nutritional value

Energi, kg (MJ) ¹⁾	
Ruminants	31,7
Swine	35,0
Poultry	37,7
Horses	36,0

1) According to the Swedish Board of Agriculture SJVFS 2009:20