

PRODUCT DATA SHEET

Trade Name: ActiBiso™ VK1 Oxide

INCI Name: Phytonadione Epoxide

CAS: 25486-55-9

Description

ActiBiso™ VK1 Oxide is 2,3 epoxy -2 methyl -3-(3,7,11,15-tetramethyl -2-hexadecenyl)-1,4 naphthalene. It is derivative of Vitamin K1. ActiBiso™ VK1 Oxide is pale yellow to golden transparent oily liquid, odorless or almost odorless; Easily decomposed under the light; Easily soluble in chloroform, Ether or vegetable oil; Slightly soluble in ethanol; Insoluble in water.

Quality Parameters

Appearance	A clear intense yellow, viscous, oily liquid	
Assay %	98.0 min	
Solubility	Insoluble in water, practically insoluble in methanol, slightly soluble in ethanol at room temperature and highly soluble in 80°C, completely soluble in hexane, higher aliphatic and ether.	
Identification	A slight red color indicates the presence of the Vitamin K oxide.	
UV Spectra	UV spectra of Vitamin K oxide presents Absorption at 226nm.	
Impurities	Menadione %	0.005 max
	Vitamin K1 %	0.05 max
	Free Naphtoquinone %	0.5 max
	Minerals	Determined by sulfuric ash determination



Bisor Corporation

5358, Huyi Road, Shanghai, 201806, P.R. China

Tel: 86-21-6183 4121 Fax: 86-21-5186 1853

Email : info@bisorcare.com

Website: www.bisorcare.com

Storing

Store in a dry and cool place, sealed and valid for 2 years.

Package

1kg/ bottle.