



Product Data Leaflet

Dissolvine[®] D-FE-11

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Chemical Name	Diethylenetriaminepentaacetic acid, ferric-sodium complex				
Chemical formula	[DTPA-Fe] HNa				
Structure	$ \begin{bmatrix} 0 \\ -C \\ -C$	$H_2 = N$ $CH_2 = C = O$ $CH_2 = C = O$ O O $CH_2 = C = O$ O	FeHNa		
Mol. Weight	468.2				
CAS Number	12389-75-2				
Specifications	Checkpoint Appearance Ferric content pH of a 1% wv aqueous solution	Specification Yellow green powder 11.3 min 2.5 – 3.5	Units %	Method visual SMA 347.05 SMA 176.18	
Main Characteristics	issolvine $^{\ensuremath{\mathbb{R}}}$ D-FE-11 is a stable water-soluble metal chelate with oxidizing roperties.				
	Solubility in water	: approx. 110 g/l water (20°C) : approx. 160 g/l water (50°C)			
	Solubility under practical conditions (at pH = 7) will be higher Bulk density untapped (poured) : approx. 600-800 kg/m ³ Bulk density tapped : approx. 800-1000 kg/m ³				



FPD 3020-02-2, Apr-2010 / Update: lay-out, packing, addresses, density, environment

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Applications	In the photographic industry as bleaching agent. In the chemical industry as catalyst. In gas-sweeting as oxidizing agent for H_2S .			
Environmental aspects	Inherently biodegradable. Subject to photodegradation as aqueous solution. COD: approx. 750 mg/g			
Packing	For information on possible packing types and sizes, please contact your nearest AkzoNobel representative.			
Storage	Store in original packing at a dry place. Opened bags must be closed again properly. It is advised to re-test the material after three years of storage			
Further Information	For transport, handling and first aid instructions, please refer to the Safety Data Sheet, which is available on request. For samples, technical service and further information, please contact your nearest AkzoNobel representative or:			
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