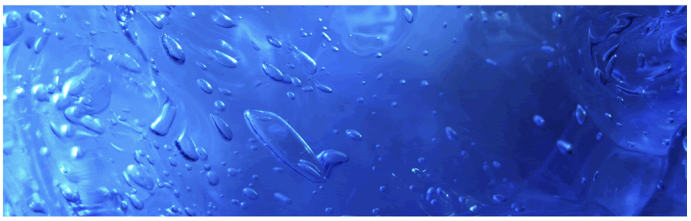
Dissolvine®
master the elements



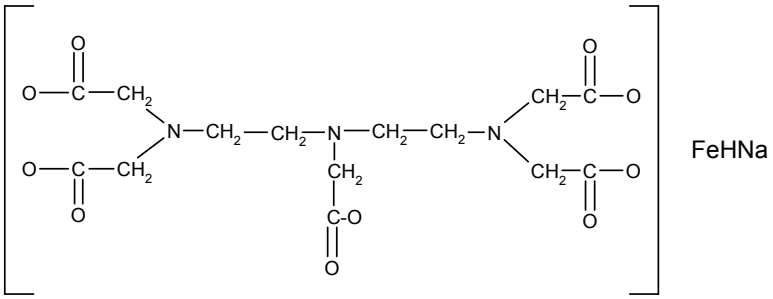
Product Data Leaflet

Dissolvine® D-FE-11

Chemical Name Diethylenetriaminepentaacetic acid, ferric-sodium complex

Chemical formula [DTPA-Fe] HNa

Structure



Mol. Weight 468.2

CAS Number 12389-75-2

Specifications

Checkpoint	Specification	Units	Method
Appearance	Yellow green powder		visual
Ferric content	11.3 min	%	SMA 347.05
pH of a 1% wv aqueous solution	2.5 – 3.5		SMA 176.18

Main Characteristics

Dissolvine® D-FE-11 is a stable water-soluble metal chelate with oxidizing properties.

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

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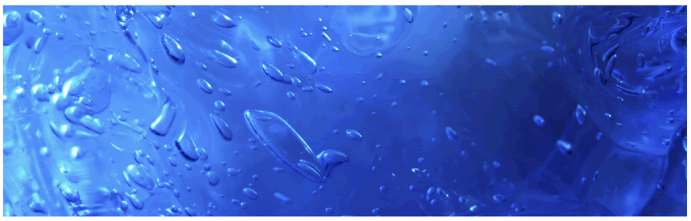

Product Data Leaflet

Dissolvine® D-FE-11

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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www.dissolvine.com

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