

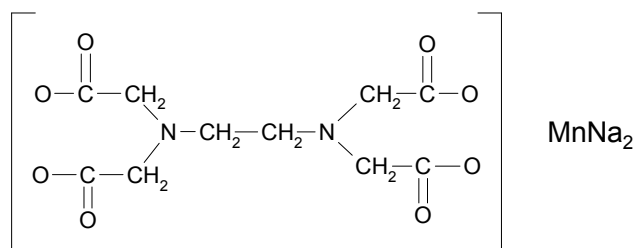


Dissolvine[®] E-MN-13

Chemical Name Ethylenediaminetetraacetic acid, manganese-disodium complex

Chemical formula [EDTA-Mn] Na₂

Structure



Mol. Weight 389.1

CAS Number 15375-84-5

| Specifications | Checkpoint | Specification | Units | Method |
|----------------|--------------------------------|-------------------------|-------|------------|
| | Appearance | Off-white microgranules | | visual |
| | Manganese content | 12.5 – 13.5 | % | SMA 917.02 |
| | pH of a 1% wv aqueous solution | 6.0 – 7.0 | | SMA 176.18 |

Main Characteristics Dissolvine[®] E-MN-13 is a stable, water-soluble metal chelate. Manganese is present in a chelated form.

| | |
|--------------------------------|--------------------------------------|
| Solubility in water | : approx. 800 g/l water (20°C) |
| | : approx. 1200 g/l water (80°C) |
| Bulk density untapped (poured) | : approx. 600- 800 kg/m ³ |
| Bulk density tapped | : approx. 850-1050 kg/m ³ |



Dissolvine[®] **E-MN-13**

| | |
|------------------------------|---|
| Applications | As source of water soluble and chelated Manganese. |
| Environmental aspects | Inherently biodegradable. Rapid biodegradation can be obtained under slightly alkaline conditions. COD: approx. 500 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: |
| Internet | www.dissolvine.com |

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