

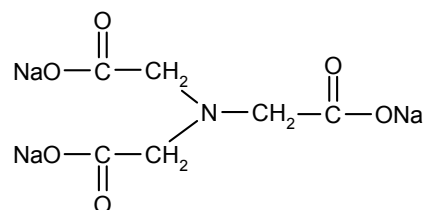


Dissolvine[®] A-150-S

Chemical Name Nitritoltriacetic acid, trisodium salt

Chemical formula NTA-Na₃

Structure



Mol. Weight 257.1

CAS Number 5064-31-3

Specifications

Characteristic	Specification
Appearance	Clear liquid
Active ingredient as NTA-Na ₃	40.0% w/w min
Color	300 APHA max
pH of a 1% w/v dilution	10.5 - 11.8
Specific gravity at 25°C	1.26 - 1.33

Main Characteristics

Dissolvine[®] A-150-S is a sequestering agent, forming water-soluble chelates with polyvalent metal ions in a wide pH range.

Miscibility with water : any desired ratio
Crystallization point : < -18°C

Sequestering values for Dissolvine[®] A-150-S are approximately (theoretical calculated figures):

Metal ion	pH range	mg metal/g Dissolvine[®] A-150-S
calcium	7 - 13	60
copper	2 - 12	100
ferric	1 - 4	85
magnesium	8 - 10	40
manganese	5 - 10	85
zinc	3 - 10	100



Dissolvine[®] A-150-S

Applications	In the textile industry as stabilizer for dyeing baths. In the cleaning industry as controller of hardness ions.
Environmental aspects	Readily biodegradable COD: approx. 230 mg/g
Packing	For information on possible packing types and sizes, please contact your nearest AkzoNobel representative.
Storage	Store in original packing or in PVC, PP, PE, stainless steel or bituminized tanks. Avoid contact with aluminum, zinc, nickel, copper and copper alloys. 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

Addresses

Europe, Middle East and Africa
Akzo Nobel Functional Chemicals bv
Stationsstraat 77
P.O. Box 247
3800 AE Amersfoort
The Netherlands
Tel: + 31 33 467 6341
E-mail: EUR@dissolvine.com

North, Central and South America
Akzo Nobel Functional Chemicals LLC
525 W. van Buren Street
Chicago, Illinois 60607
United States of America
Inside USA Tel: +1 800 906 7979
Outside USA Tel: +1 312 544 7000
E-mail: NAM@dissolvine.com

Asia Pacific – China
Akzo Nobel Chemicals (Ningbo) Co., Ltd.
5F, The Exchange
No. 299 Tong Ren Road
Jin An District, Shanghai 200040
P.R. China
Tel: +86 21 2216 3600
E-mail: AP@dissolvine.com

Asia Pacific – excl. China
Akzo Nobel Functional Chemicals Pte Ltd.
41 Science Park Road
#03-04 The Gemini
Singapore Science Park II
Singapore 117610
Tel: +65 6773 8488
E-mail: AP@dissolvine.com



FPD 2360-01-6, Nov-2010 / Update: lay-out, packing, addresses, pH range, seq values, environment, storage 2

The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Since the conditions of use are beyond our control we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

® Dissolvine and the AkzoNobel device are trademarks of the AkzoNobel group of companies
© Akzo Nobel Functional Chemicals bv

www.dissolvine.com