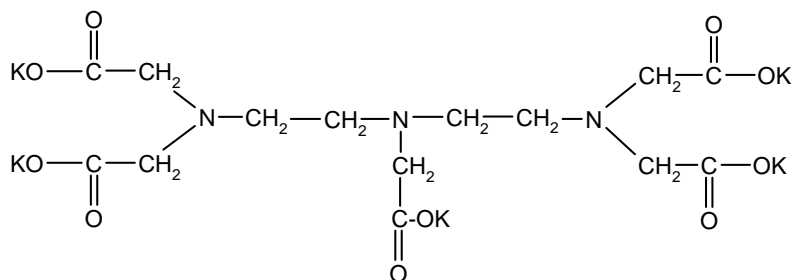


Dissolvine[®] **StimWell DDH**

Chemical Name Diethylenetriaminepentaacetic acid, pentapotassium salt

Chemical formula DTPA-K₅

Structure



Mol. Weight 583.8 g/mol

CAS Number 7216-95-7

Specifications

Characteristic

Specification

Appearance
 Active ingredient by calcium chelation
 pH of 1% w/v aqueous dilution

Yellow liquid
 40% min
 11-12

Recommendations for use

Dissolvine[®] StimWell DDH is a high pH fluid, based on the chelating agent DTPA. It has been especially designed for the dissolution of BaSO₄ scale, also known as barite, in the oil and gas industry. Dissolvine[®] StimWell DDH can be used to remove any sulphate scale (e.g. BaSO₄, SrSO₄, CaSO₄) from tubing, equipment or formation. It is recommended to dilute Dissolvine[®] StimWell DDH with an equal volume of water prior to use.

Environmental aspects

Seawater biodegradability (Marine Bodis):	25% at day 28
Bioaccumulation (OECD 117):	<0
Aquatic toxicity:	favorable

Dissolvine[®] StimWell DDH meets the requirements for application in the North Sea, according to OSPAR recommendation 2010/3. It is classified as Gold without substitution warning by CEFAS.

Dissolvine[®] StimWell DDH
Main Characteristics

Miscibility with water : any desired ratio
 Liquid density at 68°F : approx. 1400 kg/m³

Sequestering values for Dissolvine[®] StimWell DDH are approximately (theoretical calculated figures):

Metal ion	pH range	mg metal/g Dissolvine [®] StimWell DDH
barium	7 - 14	90
calcium	6 - 14	30
ferric	1 - 8	40
magnesium	7 - 13	15

Applications

Scale removal by chelation (BaSO₄, SrSO₄, CaSO₄, CaCO₃)

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:

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