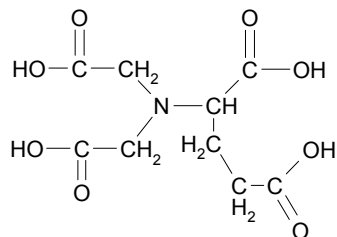


## Dissolvine<sup>®</sup> StimWell HTF

**Chemical Name** Glutamic acid, N,N-diacetic acid

**Chemical formula** GLDA-H4

**Structure**



**Mol. Weight** 263.2

**CAS Number** 58976-65-1

Specifications	Characteristic	Specification	Units	Method
	Appearance	clear yellow-brown liquid		Visual
	Assay by Fe-pot (expressed as GLDA-H4)	33.0 min	%	SMA 916.02
	pH of 10% ww aqueous dilution	3.4 - 4.0		SMA F/88.1

**Recommendations for use**

Dissolvine<sup>®</sup> StimWell HTF is a versatile production chemical for the oil and gas industry, based on the chelating acid GLDA. It has been especially designed for high temperature (up to 400°F) acid stimulation jobs in carbonate or sandstone reservoirs.

Dissolvine<sup>®</sup> StimWell HTF can be used as a standalone acid to improve the permeability of the rock and to control the iron by the formation of a soluble iron complex. For carbonate acidizing jobs it is recommended to dilute Dissolvine<sup>®</sup> StimWell HTF with an equal volume of water prior to use.

Dissolvine<sup>®</sup> StimWell HTF can also be used in combination with HCl or HF to control iron.

Environmental aspects	Characteristic	Specification
	Fresh water biodegradability (OECD 301D):	readily
	Seawater biodegradability (OECD 306):	26% at day 28
	Bioaccumulation (OECD 117):	<0
	Aquatic toxicity:	favorable

Dissolvine<sup>®</sup> StimWell HTF meets the requirements for application in the North Sea, according to OSPAR recommendation 2010/3.

## Dissolvine<sup>®</sup> StimWell HTF

**Main Characteristics**

Miscibility with water : any desired ratio  
 Miscibility with most acids : any desired ratio

Sequestering values for Dissolvine<sup>®</sup> StimWell HTF are approximately (theoretical calculated figures):

Metal ion	pH range	mg metal/g Dissolvine <sup>®</sup> StimWell HTF
calcium	6 - 14	50
copper	2 - 12	80
ferric	2 - 8	70
magnesium	5 - 10	30
manganese	5 - 10	70
zinc	3 - 12	85

**Applications**

Stimulation of oil or gas wells  
 Iron control  
 Scale removal at low pH (CaCO<sub>3</sub>)

**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.akzonobel.com](http://www.akzonobel.com)

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