

The chelating agents approved for use in fertilisers in the European Union

The chelating agents approved for use in fertilisers in the European Union according to regulation No. 2003/2003 of the European Parliament and of the Council of 13 October 2003.

no.	Chemical name	Abbreviation	Chemical formula	CAS number of the acid
1	ethylenediaminetetraacetic acid	EDTA	$C_{10}H_{16}O_8N_2$	60-00-4
2	2-hydroxyethylethylenediaminetriacetic acid	HEEDTA	$C_{10}H_{18}O_7N_2$	150-39-0
3	diethylenetriaminepentaacetic acid	DTPA	$C_{14}H_{23}O_{10}N_3$	67-43-6
4	ethylenediamine-N,N-di[(ortho-hydroxyphenyl)acetic acid]	[o,o] EDDHA	$C_{18}H_{20}O_6N_2$	1170-02-1
5	ethylenediamine-N-[(ortho-hydroxyphenyl)acetic acid]-N-[para-hydroxyphenyl) acetic acid]	[o,p] EDDHA	$C_{18}H_{20}O_6N_2$	475475-49-1
6	ethylenediamine-N,N-die [(ortho-hydroxy-methylphenyl)acetic acid]	[o,o] EDDHMA	$C_{20}H_{24}O_6N_2$	641632-90-8
7	ethylenediamine-N-[(ortho-hydroxy-methylphenyl)acetic acid]-N-[(para-hydroxy-methylphenyl)acetic acid]	[o,p] EDDHMA	$C_{20}H_{24}O_6N_2$	641633-41-2
8	ethylenediamine-N,N-di[(5-carboxy-2-hydroxyphenyl)acetic acid]	EDDCHA	$C_{20}H_{20}O_{10}N_2$	85120-53-2
9	ethylenediamine-N,N-di[(2-hydroxy-5-sulfophenyl)acetic acid] and its condensation products	EDDHSa	$C_{18}H_{20}O_{12}N_2S_2 + n*(C_{12}H_{14}O_8N_2S)$	57368-07-7 ; 642045-40-7
10	Iminodisuccinic acid	IDHA	$C_8H_{11}O_8N$	131669-35-7
11	N,N-di(2-hydroxybenzyl)ethylenediamine-N,N-diacetic acid	HBED	$C_{20}H_{24}N_2O_6$	35998-29-9
12	[S,S]-ethylenediaminedisuccinic acid	[S,S]-EDDS	$C_{10}H_{16}O_8N_2$	20846-91-7