

CUBLEN®



INTEGRATED CHEMICALS SPECIALTIES BV

Drachmeweg 18 T +31 (0)252 – 419 020
2153 PA Nieu-Vennep F +31 (0)252 – 415 483
The Netherlands
I: www.icspecialties.nl E sales@icspecialties.nl

Chemical name		Active content		pH value	Applications
		As acid	As salt		
HEDP					
1-Hydroxyethane 1,1-diphosphonic acid K ₂ -Salt (CAS-No.: 2809-21-4)	CUBLEN KT 600	60%	n.a.	< 2	<ul style="list-style-type: none">• In detergents and cleaning agents• For cooling water treatment• In cosmetic formulations• For the stabilization of peroxide compounds
1-Hydroxyethane 1,1-diphosphonic acid K ₂ -Salt (CAS-No.: 67953-76-8)	CUBLEN K 2222	15%	22%	6	
ATMP					
Amino tris (methylene phosphonic acid) (CAS-No.: 6419-19-8)	CUBLEN AP 5	50%	n.a.	< 2	<ul style="list-style-type: none">• In detergents and cleaning agents• Agents in textile auxiliaries• For cooling water treatment• For the stabilization of peroxide compounds
Amino tris (methylene phosphonic acid) (CAS-No.: 20592-85-2)	CUBLEN A 4015	28%	40%	10	
DTPMP					
Diethylenetriamine penta(methylene phosphonic acid),Na ₇ -salt (CAS-No.: 22042-96-2)	CUBLEN D 3217 N	25%	32%	7	<ul style="list-style-type: none">• In detergents and cleaning agents• In textile auxiliaries (fibre protection, stabilization of odor absorbing agents)• For water treatment• In the oilfield chemistry• As additive for pulp & paper bleaching• For manufacturing and recycling of pulp & paper• For alkaline bleaching processes using H₂O₂ (textiles, pulp & paper)
Diethylenetriamine penta(methylene phosphonic acid),Na ₇ -salt (CAS-No.: 22042-96-2)	CUBLEN D 3217 S	25%	32%	7	
Diethylenetriamine penta(methylene phosphonic acid) (CAS-No.: 15827-60-8)	CUBLEN DNC 450	45%	n.a.	< 2	
Diethylenetriamine penta(methylene phosphonic acid),Na ₂ -salt (CAS-No.: 22042-96-2)	CUBLEN D 5012	51%	55%	2	

* The named CUBLEN® are the most common available. ICS has more types i.e. EDTMP, HDTMP, BHMTMP, Blends and others. Please contact us for more information and customer suited solutions.

CUBLEN®



INTEGRATED CHEMICALS SPECIALTIES BV

Drachmeweg 18 T +31 (0)252 – 419 020
2153 PA Nieu-Vennep F +31 (0)252 – 415 483
The Netherlands
I: www.icspecialties.nl E sales@icspecialties.nl

Chemical name		Active content		pH value	Applications
DTPMP		As acid	As salt		
Diethylenetriamine penta(methylene phosphonic acid), Na ₂ -salt (CAS-No.: 22042-96-2)	CUBLEN D 4217	32%	42%	7	<ul style="list-style-type: none">• In detergents and cleaning agents• In textile auxiliaries (fibre protection, stabilization of odor absorbing agents)• For water treatment• In the oilfield chemistry• As additive for pulp & paper bleaching• For manufacturing and recycling of pulp & paper• For alkaline bleaching processes using H₂O₂ (textiles, pulp & paper)
Diethylenetriamine penta(methylene phosphonic acid), Na _x -salt (x= 2 -3) (CAS-No.: 22042-96-2)	CUBLEN D 5113	44%	49%	3	
HEMPA					
Hydroxyethylamino bis(methylene phosphonic acid) (CAS-No.: 5995-42-6)	CUBLEN R 60	60%	n.a.	< 2	<ul style="list-style-type: none">• In cleaning and rinsing agents• For cooling water treatment• For oil field treatment
Hydroxyethylamino bis(methylene phosphonic acid) (CAS-No.: 5995-42-6)	CUBLEN R 50	50%	n.a.	< 2	
PBTC					
2-Phosphonobutane-1,2,4-tricarboxylic acid (CAS-No.: 37971-36-1)	CUBLEN P 50	50%	n.a.	< 2	<ul style="list-style-type: none">• In Cleaners (Household, Sanitary)• In disinfectants• For cooling water treatment in detergents• In building chemistry
Modified Phosphonic Acid					
Modified Phosphonic Acid, Neutralized	CUBLEN ACS 402	43%	n.a.	10	<ul style="list-style-type: none">• In dishwashing and sanitizing agents• In disinfectants• Swimming pool and cooling water treatment• In textile auxiliaries

* The named CUBLEN® are the most common available. ICS has more types i.e. EDTMP, HDTMP, BHMTMP, Blends and others. Please contact us for more information and customer suited solutions.