



Specification

Concerning Product:	
Article number	100970TE
Trade name / designation / denomination	Hexamethylenetetramin, EP4
CAS number	100-97-0
Other names / synonyms	•1,3,5,7-tetraazatricyclo[3.3.1.1' ³ .7]decane; •1,3,5,7-tetraazatricyclo[3.3.1.1~3,7~]decane; •HEXAMETHYLENE TETRAMINE; •HEXAMETHYLENETETRAMINE; •HEXAMETHYLENETETRAMINE, ACS; •Hexamethylenetetraamine; •Hexamethylenetetramine; •Hexamethylenetetramine, ACS; •Methenamine; •Methenamine, Granular;
EC number	202-905-8
EC index number	612-101-00-2
Customs tariff number / CN code / TARIC	29336940
Molecular weight [g / mol]	140,19
Formula	C ₆ H ₁₂ N ₄
Warning   UN 1328/1328, 4.1 (Entzündbare feste Stoffe), Flammable solid. May cause an allergic skin reaction. Wear protective gloves/protective clothing/eye protection/face protection. Wash with plenty of soap and water.	

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear	
Colour	colourless	
Physical parameter		
Loss on drying	≤ 2,0	%
Acidic reacting substances	complies	
Identity		
Assay	99,0 – 100,5	%
Identification	complies	
Impurities		
Ammonium	≤ 50	ppm
Heavy Metals (as Pb)	≤ 20	ppm
Sulphates (SO ₄)	≤ 100	ppm
Related substances	Free formaldehyde: ≤ 50	ppm
Elemental Impurities		
Chlorides (Cl)	≤ 100	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Apr. 2025

LF-Basis: (2025-04-14)

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