



## Specification

| Concerning Product:                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article number                                                                                                                                                              | 100970RR                                                                                                                                                                                                                                                                                                          |
| Trade name / designation / denomination                                                                                                                                     | Hexamethylenetetramin, >= 99%, reinst                                                                                                                                                                                                                                                                             |
| CAS number                                                                                                                                                                  | 100-97-0                                                                                                                                                                                                                                                                                                          |
| Other names / synonyms                                                                                                                                                      | •1,3,5,7-tetraazatricyclo[3.3.1.1' <sup>3</sup> .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 <sub>6</sub> H <sub>12</sub> N <sub>4</sub>                                                                                                                                                                                                                                                                     |
| Warning   | UN 1328/1328, 4.1 (Entzündbare feste Stoffe),                                                                                                                                                                                                                                                                     |
| Flammable solid. May cause an allergic skin reaction.<br>Wear protective gloves/protective clothing/eye protection/face protection. Wash with plenty of soap and water.     |                                                                                                                                                                                                                                                                                                                   |

| Parameter                    | Specification              | Unit |
|------------------------------|----------------------------|------|
| <b>Physical parameter</b>    |                            |      |
| Loss on drying               | ≤ 2,0                      | %    |
| <b>Identity</b>              |                            |      |
| Assay                        | (acidim.) 99,0 – 100,5     | %    |
| <b>Impurities</b>            |                            |      |
| Heavy Metals (as Pb)         | ≤ 0,001                    | %    |
| Insoluble impurities         | in H <sub>2</sub> O ≤ 0,01 | %    |
| Sulphates (SO <sub>4</sub> ) | ≤ 0,01                     | %    |
| <b>Elemental Impurities</b>  |                            |      |
| Chlorides (Cl)               | ≤ 0,005                    | %    |

### Supplemental information:

**Note:** product tested for laboratory use

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 23. Sep. 2024

LF-Basis: (2024-01-01)

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