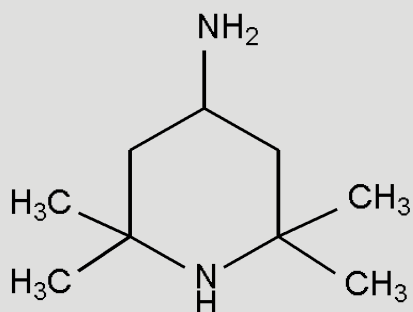
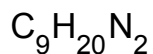


Triacetonediamine (TAD)



Synonyms	4-Amino-2,2,6,6-tetramethylpiperidin, 2,2,6,6-Tetramethylpiperidine-4-amine
CAS-No.	36768-62-4
Molar Mass	156.3 g/mol
Packaging	drums 170 kg net

Specification

Property	Value	Unit	Method
Purity	min. 97	%	P3-AV-07 *) [GC]
Colour (APHA)	max. 25		ASTM-D-1209 [visual test]

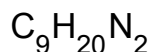
20 % solution in ethanol

* In-house method

Physical Data

Property	Value (approx.)	Unit	Method
Melting range/Solidification range	12 - 15	°C	ASTM-D-1015
Boiling point at 1013 hPa	199	°C	ASTM-D-1078
Boiling point at 100 hPa	123	°C	ASTM-D-1078
Boiling point at 10 hPa	73	°C	ASTM-D-1078

Triacetonediamine (TAD)



Further Data

Physical Data

Property	Value (approx.)	Unit	Method
Density (20 °C)	0.893	g/ml	ASTM-D-941
Refractive index (n_D^{25})	1.469		ASTM-D-1747
Viscosity (20 °C)	6	mPa s	ASTM-D-2270
Flash point	75	°C	ASTM-D-93
Ignition temperature	300	°C	ASTM-E-659
Solubility in water at 20 °C	miscible		
Solubility in aromatic and aliphatic hydrocarbons	miscible		

Safety data, transport regulations and toxicological data are indicated in the safety data sheet.

Note

This product has a limited shelf life. Prolonged storage might lead to an increase in the color. Therefore the product has to be used within 3 months from delivery. Cool and dry conditions for storage are required.

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