

THONT™ 9115

INCI: AminoMethyl Propanol



Introduction

THONT™ 9115 is used as a pH regulator and preservative synergist in cosmetic and personal care formulations. Its dual functionality stabilizes product pH while enhancing antimicrobial efficacy, offering low-irritancy and broad compatibility with skincare ingredients such as carbomers, emulsifiers, and active compounds.

Features & Benefits

- Efficient alkaline pH adjuster in water-based systems
- Low odor & Low VOC
- Corrosion protection

Chemical Name

2-Amino-2-Methyl-1-Propanol

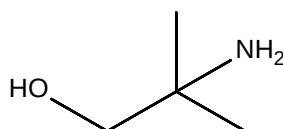
CAS Number

124-68-5

EINECS Number

204-709-8

Chemical Structure



Chemical Formula

C₄H₁₁NO

Molecular Weight

89.14

Physical Properties

Appearance	Colorless transparent liquid
Ease of solubility	Miscible with water
Purity (%)	Min. 99.5
Secondary amine (%)	Max.0.5
Nitrosamine (ppb)	Max. 50
Fusing point (°C)	31.9~33.4
Boiling point (°C)	<165
pKa (25°C)	9.72
pH ASTM (25°C, 0.1M in H ₂ O)	11.0~12.0
Amine value (mg KOH/g)	629
Density (g/mL, 25 °C)	0.9387

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Water (%)	Max.0.5
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Benefits & Applications

In the personal care field, THONT™ 9115 is an important additive that is compatible with nearly all styling resins. Its high basicity and low molecular weight allow formulators to use less when neutralizing resins. It can also be used to neutralize carbomer resins, emulsify with stearic acid, and produce amides and other derivatives for cosmetic use.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one years in a sealed container. Containers should be stored in a cool, dry area away from light. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

THONT™ 9115 is supplied in 200kg drum or 1000Kg IBC.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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