

Aako PO

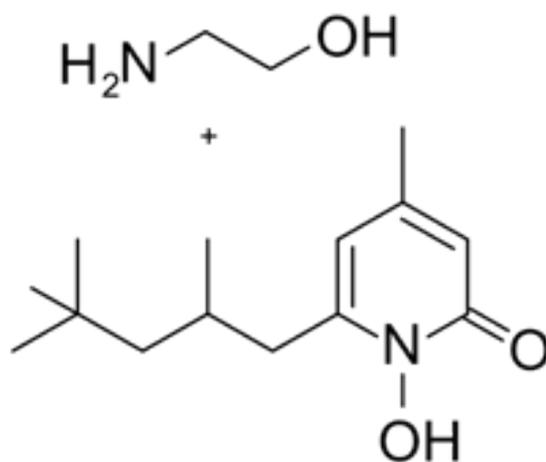
Piroctone Olamine

Description

Aako PO is a high purity Piroctone Olamine, known for many years as an excellent anti-dandruff agent. More recently it has been discovered that Aako PO has a much broader protection range against all kind of microbiological species. It is now also used in many preservative formulations at neutral pH. Combining Aako PO with for example Phenoxyethanol, Ethylhexylglycerine or other preservative boosters gives strong preservation of your cosmetic, deodorant or sun screen formulations.

Typical use level is only 0.05- 0.2 %.

▪ Chemical names	1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)pyridin-2(1H)-one, compound with 2-aminoethanol (1:1)
▪ INCI name	Piroctone Olamine
▪ CAS number	68890-66-4



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Typical properties

Appearance	White to slight yellow powder
Odour	Characteristic
Loss on drying	≤ 0.3 %
Purity	≥ 99.0 %
Melting range	130 – 135 °C
pH value (1% in water)	8.5 – 10.0
Burnt residue	≤ 0.2 %
Monoethanolamine content	20.05 – 20.76 %

Regulatory Status:

EU	Rinse-off products	Max 0.8%
	Other products	Max 0.5%

Regulation (EC) No 1223/2009 Annex V entry 35

Storage:

Stored under dry conditions in tightly closed dry containers, protected from light. Shelf life of at least 2 years under appropriate conditions of storage.