



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B910~911 Xincheng Business Center,
Qianshan Road, Hefei 230022 China

Tel : (0086) 551 65418677

Fax: (0086) 551 65418697

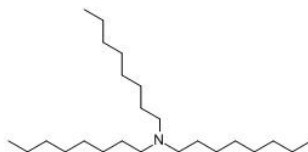
Email: info@tnjchem.com

Site: www.tnjchem.com

Trioctylamine

Product Information

Chemical Name	TOA;Trioctylamine
CAS #	1116-76-3
Formula	C ₂₄ H ₅₁ N
Molecular Weight	353.67
Synonyms	TOA;Trioctylamine;Tri-n-octylamine
Chemical Structure	



Description

Colorless transparent liquid

Physical Properties

Appearance	Colorless transparent liquid
Density	0.810 g/mL at 20 C
Boiling point	164-168 C@0.7 mm Hg(lit.)
Flash point	230 F Min
Melting point	34 C
Refractive index	n ₂₀ /D 1.449(lit.)
Solubility	Chloroform: 0.1 g/mL, clear, colorless
Sensitive	Air Sensitive

Specification

Appearance	Colorless or yellowish transparent oily liquid
Tertiary Amine content%	95.0%Min
Primary amine mg KOH/g	2%Max
Total amine value mg KOH/g	151.0-159.0
Main carbon chain %	92Min
Color	60Max
N-Octylamine %	0.2Max
Di-Octylamine %	0.3Max
C8-Alcohol %	0.2Max

Applications

Used as a noble metal extracting agent.

In the metallurgical industry, used for the extraction of cobalt, nickel, actinides and lanthanides. Also can be used for the synthesis of fungicide

Packaging

160kg/drum ,12.8mt per 20GP container, or IBC drum

Storage & Handling

Deposit in shady, airy and dry warehouse, keep away from acidity material. Transported as normal chemical products.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.