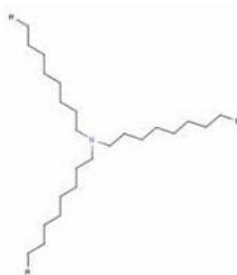


Technical data sheet

Trioctyl / Decyl Amines (N235 or 7301)

Molecular structure:



Cas no.68814-95-9

EC No 272-347-8

Molecular formula: C<sub>27</sub>H<sub>57</sub>N

Molecular weight: 395.7482

Synonyms : Tri-C8-10-alkyl; amines 336S;AZamine T 810; Adogen 364; Alamine 336; Alamine 336S; N 235; N 235(extractant); N 7301

Appearance: Colorless or yellowish transparent oily liquid.

Density(20°C) is 0.821;Refractive Index(20°C) is 1.455;Boiling point is 466.2°C(760mmHg).It smells as ammonia.

**Specification:**

Items	Specification
Appearance	Colorless liquid
Amine contents %	≥98%
Tertiary amine nitrogen content %	≥3.3%
Acid value (mg KOH/g)	128—142
Water %	≤0.5
Color (APHA)	≤80

Notice: Typical Carbon Chain Distribution C8(35-45%), C10( 52-63%)

**Package:**

Iron drum 160kg net each.

**Application:**

(1) It is used as extracting agent for rare metals.

(2) It is used as extracting agent in Complex extraction method to treat the industrial waste water.

**Storage & Handling:**

If stored correctly and kept in the original sealed container, the product has a shelf life of at least 24 months. Metallic materials such as stainless steel and aluminum, as well as ceramic apparatus components have proved suitable. Materials suitable for seals are polyethylene, poly tetrafluoro ethylene (PTFE) and graphite. Strong swelling may occur when plastic (PVC in particular) and rubber components are used as well as upon contact with the interior coatings of vessels. Testing of the resistance is therefore recommended.

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