

Chemical Name: n-Butyl Lithium

Synonyms: N-BuLi; Butyllithium; Lithiumbutyl

Molecular Formula: n-C₄H₉Li

CAS No: 109-72-8

Structure formula :



1 Specification:

Solvents: n-Hexane, or Cyclohexane, or Mixture of Hexane and Cyclohexane.

Appearance: Colorless or light-yellow Transparent Liquid.

Active Alkali: 20% ± 0.2 [Note: Be adjusted under market requirement].

Molar Concentration: 1.5M-2.5M solution,

Density: 0.68-0.75g / ml in n-Hexane.

Activity: 98%Min.

Covalency Cl.: 0.015%Max.

2 Usage

2.1 As Initiator in conjugated diene to make anionic polymerization.

2.2 also used for making some kinds of rubber;

2.3 It can be used to synthesis specified structure of polymer such as linear, star-shaped block-graft.

2.4 Used to make thermosetting resin and coating materials.

3 Properties

3.1 Be easily burned in air, especially meeting water or moisture.

3.2 When taking some sample, it should be argon-shield to avoid its burning.

3.3 Upon its burning, fire should be gotten rid by sandy soil.

3.4 In case of accident, when taking sample or make other process, two or more guys together is necessary.

3.5 It should be stored in dry and low-temperature (Less than 20DC) storehouse;

4 Packing:

4.1 5L-20000L Stainless Barrel;

5 Capacity

2000Mt Per year.

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