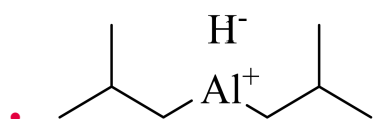


Diisobutylaluminium hydride

- **Acronym :** no information
- **Synonyms :** DiisobutylaluMinuM hydride, 25% solution in toluene
- **CAS number:** 1191-15-7
- **EINECS number:** 214-729-9
- **Formula :** C₈H₁₉Al



MAIN PROPERTIES

SPECIFICATION	VALUES	NORMS REFERENCE
Appearance at 20 °C	Colorless Transparent Liquid	
Diisobutylaluminium hydride Purity	≥25.0%	
Toluene Purity	≤75.0%	

The above commercial specifications are guaranteed ; they were established using the test methods which were in force at the plant at the time of despatch of the product, and are in accordance with any applicable revision references.

MAIN APPLICATIONS

- Auxiliary reagent in fine organic synthesis (acid scavenger in pharmaceutical and agrochemical industries)

Diisobutylaluminium hydride

Molecular weight.....	142.22
Boiling point at 1013 hPa.....	110°C
Vapor pressure.....	≤ 1100hpa (50 °C)
Freezing point.....	No data available
Density at 20 °C.....	No data available
Flash point (closed cup).....	39.2°F
Autoignition temperature.....	No data available
Explosivity limits in air (lower / upper).....	No data available
Solubility in water at 20°C.....	No data available
pKa at 25 °C (refer to the protonated amine in aqueous solution)	No data available

Updated: Apryl 14 th, 2018

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