



# Product Specification

cdhfinechemical.com

## LITHIUM ALUMINIUM HYDRIDE FOR SYNTHESIS

PRODUCT CODE	137465
SYNONYMS	(Aluminium lithium hydride)
C.I. NO.	--
CASR NO.	(16853-85-3 )
ATOMIC OR MOLECULAR FORMULA	LiAlH <sub>4</sub>
ATOMIC OR MOLECULAR WEIGHT	37.95
PROPERTIES	Stable in dry air at room temperature , but highly sensitive to moisture -including atmospheric.
PARAMETER	LIMIT
Description	White to grayish white crystalline powder/pellets/tablets.
Solubility	Soluble in diethyl ether.
Minimum Assay (Iodometric )	97.0%



**Note(s) :** 1] Assay (if applicable) method mentioned.  
2] Protect from Moisture

<b>DANGER</b> <b>Hazard statements:</b> In contact with water releases flammable gases which may ignitespontaneously. Toxic if swallowed. Causes severe skin burns and eye damage <b>Precautionary statements</b> <b>Prevention:</b> Do not eat, drink or smoke when using this product.Do not breathe dust or mist.Wash hands thoroughly after handling.Wear protective gloves/clothing and eye/face protection.Wash thoroughly after handling.Keep from any possible contact withwater, because of violent reaction and possible flash fire.Handle under inert gas, protectfrom moisture. <b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortablefor breathing.Immediately call a POISON CENTER or doctor /physician.IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact llenses, ifpresent and easy to do. Continue rinsing.IF SWALLOWED: Immediately call a POISONCENTER or doctor/physician.If on skin or hair: remove/take off immediately allcontaminated clothing. Rinse with water /shower.Specific treatment: refer to Label orMSDS.	IMDG Code : 4.3/I UN No. : 1410 IATA : 4.3
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**Disposal:** Dispose of contents and container in accordance with relevant legislation.

**Hazard Pictogram(s) :-**



REPLACE DATE 29-May-2023