



Product Specification

cdhfinechemical.com

LITHIUM ALUMINIUM HYDRIDE POWDER FOR SYNTHESIS

PRODUCT CODE	137470
SYNOMYS	(Aluminium lithium hydride)
C.I. NO.	--
CASR NO.	(16853-85-3)
ATOMIC OR MOLECULAR FORMULA	LiAlH ₄
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	
DANGER Hazard statements: In contact with water releases flammable gases which may ignitespontaneously. Toxic if swallowed. Causes severe skin burns and eye damage Precautionary statements Prevention: 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 with water, because of violent reaction and possible flash fire. Handle under inert gas, protect from moisture. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for 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 lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water /shower. Specific treatment: refer to Label or MSDS. Disposal: Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 4.3/I UN No. : 1410 IATA : 4.3
Hazard Pictogram(s) :-	
 GHS02	
 GHS05	
 GHS06	