




LITHIUM ALUMINIUM HYDRIDE POWDER FOR SYNTHESIS

PRODUCT CODE	137470	
SYNONYMS	(Aluminium lithium hydride)	
C.I. NO.	--	
CASR NO.	(16853-85-3)	
ATOMIC OR MOLECULAR FORMULA	LiAlH ₄	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 ormist.Wash hands thoroughly after handling.Wear protective gloves/clothing andeye/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. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortablefor breathing.Immediately call a POISON CENTER or doctor /physician.IFSWALLOWED: 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
Disposal: Dispose of contents and container in accordance with relevant legislation.		
Hazard Pictogram(s) :-- <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>GHS02</p> </div> <div style="text-align: center;">  <p>GHS05</p> </div> <div style="text-align: center;">  <p>GHS06</p> </div> </div>		