



SDFCL

s d fine-chem limited

Quality Control Dept.



Qua

Product Specification

E Control	QC2\DATAD\PS\37077XPS.xls
PRODUCT CODE	37077
PRODUCT NAME	ALUMINIUM HYDROXIDE POWDER
SYNONYMS	---
C.I. NO.	---
CASR NO.	(21645-51-2)
ATOMIC OR MOLECULAR FORMULA	Al(OH) ₃
ATOMIC OR MOLECULAR WEIGHT	78.00
PROPERTIES	Insoluble in water ; soluble in mineral acids and caustic soda. Releases water on heating.



PARAMETER	LIMIT
Description	A white amorphous powder.
Solubility	Passes test.
Minimum Assay (as Al ₂ O ₃)	47.0%
pH (of 4% suspension in water)	Max.10.0
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.5%
Sulphate (SO ₄)	0.6%
Arsenic (As)	0.0004%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Causes serious eye irritation .

Precautionary statements

Prevention: Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IMDG Code : --

UN No. : --

IATA : --

Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water .Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off. The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

Hazard Pictogram(s) :



Skin irritation

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

