



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

SODIUM ALUMINUM PHOSPHATE BASIC NON-LEAVENING FCC

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
SAPCMP	1787	7785-88-8	August 1, 2011	MPR	Original	RVK

CHARACTERISTICS:	A white odorless powder. Approximately $\text{Na}_8\text{Al}_2(\text{OH})_2(\text{PO}_4)_4$ with about 30 % Dibasic Sodium Phosphate
-------------------------	--

SPECIFICATIONS:	Identification	To pass test
	Assay	9.5%-12.5% of Al_2O_3 (calculated on the ignited basis)
	Arsenic	3 ppm max.
	Fluoride	25 ppm max.
	Lead	2 ppm max.
	Loss on ignition	9.0% max.
	pH in 25% suspension	9.20 to 9.40
	Particle size	
On 100 mesh	3% max.	

PACKAGING:	25 kg polyethylene bags, 40 per pallet and stretchwrapped
-------------------	---

APPLICATIONS:	<p>Dairy Industry:</p> <p>This product was designed as an emulsifier for processed cheese, to help improve the desired physical characteristics in cheese, such as improving the melting characteristic and stabilize fat in cheese.</p> <ul style="list-style-type: none">• It is mainly used in the dairy industry as an emulsifier salt in the manufacturing of processed cheese.• Recommended use is 3% maximum as a total or partial emulsifier. This means it can be used alone or in combination with other emulsifiers (Disodium and Trisodium Phosphates, Citrates or Tartrates) when cheese such as Cheddar, Edam, Gouda, Gruyere, Camembert, Brick, Swiss, or Limburger are processed. Use approximately 3% Basic Sodium Aluminum Phosphate in relationship to the total weight of the ingredients used to manufacture reprocessed cheese such as American Cheese as used for hamburgers.• Prevents and lessens the separation of fat from cheese by raising the melting point. It also helps to make cheese less sticky where it comes in contact with its packaging.
----------------------	---

OTHER:	Kosher Certified, AIB certified
---------------	---------------------------------