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Product Name	: ALUMINIUM STEARATE ALUMINIUM TRI STEARATE
Mol Formula	: (C₁₇H₃₅COO)₃Al
Mol. Weight	: 877
CAS Registry No.	: 637-12-7
Merck Index No.	: 379 (12tn Edition)
Beilstein Reference	: 4-02-00-01206

ALUNINIUM- HIGEL is a precipitated Aluminium Stearate manufactured by a novel precipitation process developed by our R & D department having tremendous experience in precipitation and particle size/morphology control technology. The output is a unique combination of gelling strength with high alumina contents, and fine particle size resulting in better dispersion in any medium. The product is technically far better than the currently available products, besides the assurance of consistent quality from us.

APPLICATION:

- ☐ As a waterproofing agent in canvas coating and cement paints
- ☐ As an anti-settling agent in paints
- ☐ As a thickener in greases

TYPICAL PHYSIO-CHEMICAL PROPERTIES ALUMINIUM STEARATE (HIGH GEL)

Colour & Appearance	: White Free Flowing Powder
Total Assay	: 97 – 98%
Ash:	
(a) Water Insoluble	: 9.5% to 10.5%
(b) Water Soluble	: 1.0% max.
Acidity of acetone Extract (Free Fatty Acid)	: 7% max.
Moisture	: 1.6% max.
Dispersion in Benzene	: Clear High Gel
Alumina %	: 11.5 -12.5%
Electrolyte	: <2.0
Residue on 240 mesh 5 %	: <1.0
Melting Point	: °C 155±5
Gel Quality -- Transparent	
Residue on 240 mesh 5 %	: <1.0
Bulk Density ^{1,3} – Loose –	: 0.25
Compact*	: gm/cc 0.35
Free fatty matter %	: max 5.0
pH ₄	: 4.5-6.0

Packing : 25 kg HDP Bag with Polythene Liner

1) At the time of packing 2) By IR Moisture Balance 3) IS: 7589-1974 (A-8) 4) IS: 12076-1986(A-2) 5) IS: 2850-1983 (A-5.1)

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