DATA SHEET

Aluminium phosphate "ADJU-PHOS"

Test parameter	Acceptable range
$AlPO_4$determined as (Al_2O_3)	Min. 2.10 % Max. 2.40 % w/w
Al (calculated)	Min. 0.45 % Max 0.55 %
$AlPO_4$determined as PO_4	Min. 1.80 % Max. 2.20 %
Al (calculated)	Min. 0.35 % Max. 0.50 %
NaCl	Min. 0.8 % Max. 1.0 %
N	Max. 0.05 % w/w
SO_4 (free)	Max. 0.05 % w/w
SO_4 (total)	Max. 0.1 % w/w
pH (at the time of production)	Min. 6.0 Max 7.0
Sterility	No growth in test samples
Pyrogenicity in 3 rabbits	Max. 1.15 ^oC
	Max. 2.80 ^oC
Pyrogenicity in 6 rabbits	

MSDS (material safety data sheets)Adju-Phos 2.0 % (Aluminium phosphate gel)

Substance identification and components: Substance: Aluminium phosphate gel
Brenntag Biosector trade name: Adju-Phos 2%
Chemical description: Aqueous concentrate of aluminium phosphate gel
Chemical family: Inorganic base
Component: Aluminium AlPO4 2%
Molecular formula: AlPO4
Percent: 1.8 - 2.2%
Remainder: Water
Exposure limits: None established

Physical and ahemical characteristics: Description: White gelatious precipitate
Specific density: 1.010 - 1.250 g/ml
Typical analysis: N Max. 0,005%
Free SO4 Max. 0,05%
Total SO4 Max. 0,1%
pH: 6-7
Solubility in water Insoluble
Solvent solubility Sulphuric acid, hydrochloric acid sodium hydroxide (partial)

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Fire and explosion data: Flash point: Non-compustible
Firefighting media: Remove material from area if possible. Extinguish using media appropriate for fire source.
Reactivity: Reactivity: Stable
Decomposition: Thermal decomposition may release irritating fumes
Polymerization None known

Toxicity and health effects: Routes of entry: Inhalation unlikely.
Inhalation: First aid: Romove person from exposure area to fresh air.
Skin contact: May cause irritation, dryness and dermatitis.
First aid: Wash affected areas with soap andlarge amounts of water for a minimum of 15-20 minutes. Seek medical attention.
Ingestion: Ingestion of large amounts of aluminium hyddrozide may cause gastrointestianal irritation with nausea, vomitin and constipation.
First aid: Seek medical attention.
Eye contact May cause redness, irritation and conjunctivitis.
Firsk aid: Wash eyes immediately with large amounts of water for a minimum of 15-20 minutes. Seek medica attention.
Carcinogenicity: None established.

Spills procedures: Occupational spill: Spills should be collected, stored and disposed of in acccordance with the environmental regulations of the local authorities.

Protective equipment: Ventilation Use with adquate ventilation.
Respirator: Appropriate NIOSH approved respirators are recommended
Firefighting: Positive pressure, self contained breathing apparatus is recommended.
Clothing: Appropriate protective clothing is recommended.
Gloves Appropriate protective gloves are recommended.
Eye protection: Appropriate eye protection is recommended