

Elsenbakken 23
 3600 Frederikssund
 Denmark
 tlf.: +45 47384700
 fax: +45 47384656

M S D S

Material Safety Data Sheet

Adju-Phos 2.0 % without pH-adjustment (Aluminium phosphate gel)

Substance identification and components:	Substance: Brenntag Biosector trade name: Chemical description: Chemical family: Component: Molecular formula: Percent: Remainder: Exposure limits:	Aluminium phosphate gel Adju-Phos 2% Aqueous concentrate of aluminium phosphate gel Inorganic base Aluminium AlPO ₄ 2% AlPO ₄ 1.8 – 2.2% Water None established
Physical and chemical characteristics:	Description: Specific gravity: Typical analysis: N Free SO ₄ Total SO ₄ pH: Solubility in water: Solvent solubility:	White gelatinous precipitate 1.010 – 1.250 max. 0.005% max. 0.05% max. 0.1% 4 - 7 Insoluble Sulphuric acid, hydrochloric acid sodium hydroxide (partial)
Fire and explosion data:	Flash point: Firefigthing media:	Non-combustible Remove material from area if possible Extinguish using media appropriate for fire source
Reactivity:	Reactivity: Decomposition: Polymerization:	Stable Thermal decomposition may release irritating fumes None known

Adju-Phos 2.0 % without pH-adjustment (Aluminium phosphate gel)

Toxicity and health effects:	Routes of entry:	<p>Inhalation: Inhalation unlikely. First aid: Remove person from exposure area to fresh air.</p> <p>Skin contact: May cause irritation, dryness and dermatitis. First aid: Wash affected areas with soap and large amounts of water for a minimum of 15-20 minutes. Seek medical attention.</p> <p>Ingestion: Ingestion of large amounts of aluminium hydroxide may cause gastrointestinal irritation with nausea, vomiting and constipation. First aid: Seek medical attention.</p> <p>Eye contact: May cause redness, irritation and conjunctivitis. First aid: Wash eyes immediately with large amounts of water for a minimum of 15-20 minutes. Seek medical attention.</p> <p>Carcinogenicity: None established.</p>
Spill procedures:	Occupational spill:	Spills should be collected, stored and disposed of in accordance with the environmental regulations of the local authorities.
Protective equipment:		<p>Ventilation: Use with adequate ventilation.</p> <p>Respirator: Appropriate NIOSH approved respirators are recommended.</p> <p>Firefighting: Positive pressure, self contained breathing apparatus is recommended.</p> <p>Clothing: Appropriate protective clothing is recommended.</p> <p>Gloves: Appropriate protective gloves are recommended.</p> <p>Eye protection: Appropriate eye protection is recommended.</p>