

## MATERIAL SAFETY DATA SHEET

### STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Vanuatu.

### COMPANY DETAILS

Pacific Suppliers Limited  
Lini Highway  
PO Box 541  
Port Vila, VANUATU  
Telephone Number: (678) 25082  
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### IDENTIFICATION

Product Name: **POOL FLOC**  
Other Names: Aluminium sulphate  
Manufacturer's Product Code: 9CPF  
UN Number: None allocated  
Dangerous Goods Class and Subsidiary Risk: None allocated  
Hazchem Code: None allocated  
Poisons Schedule: None allocated  
Use: Flocculant to balance pH

### Physical Description/Properties

Appearance: White odourless powder  
Melting Point: Not available  
Vapour Pressure: Not available  
Specific Gravity: 1.7  
Flashpoint: Not relevant  
Flammability Limits: Not flammable  
Solubility in Water: 280 g/L

### Other properties

Reactivity: Compatible with most materials  
pH: Not available

### Ingredients:

All hazardous substances as defined by the NOHSC Code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous".

Chemical name:	CAS No:	Proportion:
Aluminium sulfate	10043-01-3	=> 95%

### HEALTH HAZARD INFORMATION

#### Acute:

**Swallowed:** Low to moderate toxicity. Ingestion may result in headache, nausea, vomiting, gastrointestinal irritation and diarrhea.

**Eye:** Exposure may result in irritation, lacrymation and pain, redness and blurring or dimness of vision.

**Skin:** Irritant.

**Inhaled:** Low to moderate irritant. Over-exposure may result in

irritation of the nose and throat and coughing, dizziness and headache.

#### Chronic

Prolonged contact may result in irritation, itching and possible skin rash.

#### FIRST AID

**Swallowed:** Do NOT induce vomiting. Seek immediate medical attention.

**Eye:** Wash gently with running water. Seek medical attention if irritation develops.

**Skin:** Wash with water. Seek medical attention if irritation develops.

**Inhaled:** Leave exposure area immediately. If other than minor symptoms are displayed seek immediate medical attention.

**FIRST AID FACILITIES:** Fresh water.

**ADVICE TO DOCTOR:** Upon contact with moist surfaces, product hydrolyses to produce sulfuric acid.

### PRECAUTIONS FOR USE

**Exposure Standards:** 2mg/m<sup>3</sup> Aluminium dust.

**Engineering Controls:** Use with adequate natural ventilation. Where a dust inhalation hazard exists mechanical extraction ventilation is recommended.

**Personal Protection:** Wear dust-proof goggles, coveralls and PVC or rubber gloves. Where an inhalation risk exists, wear a Class P1 (Particulate) Respirator.

**Flammability:** Not flammable. May evolve toxic sulfur oxides when heated to decomposition.

### SAFE HANDLING INFORMATION

**Storage and Transport:** Store in cool, dry area, removed from foodstuffs. Ensure containers are labeled, protected from physical damage and sealed when not in use. Not regulated for transport purposes.

**Spills and Disposal:** Not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. If there is a bulk spill, wear dust-proof goggles, PVC/rubber gloves, coveralls and a Class P1 (Particulate) respirator if an inhalation risk exists. Absorb with moist sand or similar and place in sealable containers for disposal.

**Fire/Explosion Hazard:** Non flammable. Toxic gases (sulfur oxides) may be evolved when heated in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

### OTHER INFORMATION

The Time Weighted Average (TWA) quoted above is the Worksafe Adopted National Exposure Standard for the average airborne concentration when calculated over a normal eight hour working day, for a five day working week.

**CONTACT POINT:** Pacific Suppliers (678) 25082

