

### 1. Identification of the substance/preparation and of the company/undertaking

- **Trade Name:** Flockfix Cartridges
- **Other names** Aluminium Sulphate
- **Intended use of chemical** Flocculation of swimming pool and spa water
- **Manufacturer/Supplier** Complete Pool Controls Ltd, Unit 2, The Park, Stoke Orchard, Bishops Cleeve, Gloucestershire, GL52 7RS.  
 Tel: +44 (0) 8712 229081  
 Fax: +44 (0) 8712 229083

### 2. Composition/information on ingredients

Mixture of chemicals below with non hazardous substances.

- **Chemical characterization:**
- **CAS No. Description** 16828-12-9 Aluminium sulphate
- **ENICS Number:** 233 - 135 - 0

### 3. Hazard Identification



I Irritant

- **Hazard Information concerning particular hazards for human and the environment**

R41 Risk of serious damage to eyes

### 4. First Aid measures

- **After inhalation:** Provide fresh air, warmth and rest, preferably in a comfortable sitting position. Get professional medical attention if any discomfort continues.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse the eye immediately with water. Continue to rinse for at least 15 minutes. Then consult a doctor
- **After Ingestion:** If symptoms persist consult doctor

### 5. Fire fighting measures

- **Special extinguishing media:** CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special protective equipment:** No special measures required



**Trade Name:** Flockfix Cartridges

### 6. Accidental release Measures

- **Personal Protection** Not required
- **Environmental Protection** Do not allow to enter sewers/ surface or ground water.
- **Methods for cleaning:** Pick up mechanically

### 7. Handling and storage

- **Personal Protection** Not required
- **Storage** No special requirements

### 8. Exposure control/personal protection

- **Exposure control limits and source:**  
10043-01-3 aluminium sulphate  
OES Long-term value: 2 mg/m<sup>3</sup>
- **Hand Protection** Wear suitable chemical resistant gloves
- **Eye Protection** Wear appropriate safety goggles
- **Respiratory Protection** None required



### 9. Physical and chemical properties

- **Appearance at 20oC** Colourless solid
- **Odour** Characteristic
- **Density at 20oC** 1.74 g/cm<sup>3</sup>
- **Ignition temperature** 100°C
- **Vapour pressure at 20oC** 23 hPa
- **Boiling Point** 100°C
- **Melting Point** 770 (Zers.) °C
- **Flash Point** Not applicable
- **Solubility in water** 300 g/l



<b>Trade Name:</b>	<b>Flockfix Cartridges</b>
--------------------	----------------------------

#### 10. Stability and reactivity

- **Conditions to avoid**                      No decomposition if used according to specifications
- **Materials to avoid**                      Strong bases
- **Hazardous decomposition products**                      Sulphur oxides

#### 11. Toxicological Information

- **Inhalation**                                      No effects known
- **Skin**    No irritant effect
- **Eyes**    Strong irritant effect with the danger of severe eye injury.

#### 12. Ecological Information

- **Mobility**    Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

#### 13. Disposal Considerations

- **Substance**    Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Container**    Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

#### 14. Transport Information

- **Not classified**
- **Marine pollutant**                                      No



**Trade Name:** Flockfix Cartridges

**15. Regulatory information**

• <b>Product Name</b>	Aluminium Sulphate
• <b>Symbol</b>	Xi Irritant
• <b>Risk phrases</b>	R41 Risk of serious damage to eyes
• <b>Safety phrases</b>	S2 Keep out of the reach of children S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S39 Wear eye/face protection S46 If swallowed, seek medical advice immediately and show this container or label.

**16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

