

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Product Name:** ACCEPTA 8411  
**Supplier:** ACCEPTA LIMITED  
Statham House, Talbot Road,  
Manchester M32 0FP

**Telephone Number:** +44 (0) 161 877 2334 **Fax:** +44 (0) 870 135 2334

**Product Use:** Process aid for industrial applications.

## 2. HAZARDS IDENTIFICATION

**Main risks :** May cause irritation to eyes and skin.  
**Inhalation :** May cause irritation.  
**Skin contact :** May cause skin irritation, i.e. redness, eczema.  
**Contact with eyes :** May cause irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:** Blend of Inorganic and organic coagulants

CAS no	Symbol	R phrase(s)	S -Safety Phrase(s)
1327-41-9	Xi	R36/38	S2, S28
25988-97-0			

## 4. FIRST AID MEASURES

**Inhalation :** Move to fresh air.

**Skin contact :** Wash off immediately with plenty of water. In case of persistent skin irritation, consult a physician.

**Eye contact :** Rinse thoroughly with plenty of water, also under the eyelids, continuing for 15 minutes. In case of persistent eye irritation, consult a physician.

**Ingestion :** Give water to drink. Do not induce vomiting.

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## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media :</b>	Foam, Carbon Dioxide, Dry chemical, Water.
<b>Special fire-fighting precautions :</b>	Use suitable safety equipment. Use suitable self-contained breathing apparatus. Use water sprays to keep containers cool.
<b>Specific hazards :</b>	Thermal decomposition may liberate Sulphur oxides when boiled to dryness or heated above 650°C.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions :</b>	Use appropriate protective clothing.(see section 8).
<b>Environmental precautions :</b>	Do not contaminate drains; use suitable absorbing granules and sweep up. If spillage enters drains inform local authorities immediately.
<b>Methods for cleaning up :</b>	Dike area and absorb spill with inert material such as sand. Shovel into drums for disposal by licensed waste disposal company. Water may be used to complete cleaning.

## 7. HANDLING AND STORAGE

<b>Handling :</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Storage :</b>	Store at temperatures between 0 and 40°C. Avoid contact with cyanides, sulphides and carbonates. Store in rubber lined steel drums or polythene, polypropylene or PVC containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures to reduce exposure :</b>	When handling the working area and methods should be designed to prevent direct contact with the product and inhibit dust and/or splash.
<b>Personal protection equipment</b>	
- Respiratory protection :	Avoid formation of mists.
- Skin protection :	Protective clothing, rubber or plastic gloves. A PVC apron may be necessary depending on conditions of handling.
- Eye protection :	Safety glasses with side-shields. Do not wear contact lenses. Equipment for eye rinsing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form :</b>	Liquid
<b>Odour :</b>	None
<b>pH :</b>	0.8 – 1.2 in concentrated solution
<b>Solubility in water (weight %)</b>	Completely miscible at 20 °C
<b>Boiling temperature (°C) :</b>	100 –120°C
<b>Melting decomposition temp (°C) :</b>	650°C
<b>Solubility in organic solvents</b>	Data not available
<b>Bulk Density (kg/m<sup>3</sup>)</b>	1270 - 1330

## 10. STABILITY AND REACTIVITY

<b>Materials to avoid :</b>	Strong alkalis, chlorites, hypochlorites, cyanides and sulphides. Avoid contact with most metal substances.
<b>Conditions to avoid :</b>	Stable under normal conditions.
<b>Hazardous decomposition products :</b>	Thermal decomposition may liberate fumes of Sulphur oxides, hydrogen chloride and oxides of carbon. When boiled to dryness or heated above 200°C fumes of Nitrogen may be evolved.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

<b>-Oral LD50 / oral / rat (mg/kg)</b>	No data available.
<b>- Intraperitoneal LD50 mouse (mg/kg)</b>	No data available.

Splashes irritate mucous membranes, eyes and respiratory organs.

## 12. ECOLOGICAL INFORMATION

### Acute aquatic toxicity :

<b>Toxic concentration limit :</b>	No data available.
<b>Algae :</b>	No data available.
<b>Protozoa (Microregma) :</b>	No data available.

### 13.DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Dilute with water, neutralise with lime.  
Dispose of in accordance with local and national regulations.

**Contaminated packaging:** Rinse empty containers with water and use the rinse water to prepare the working solution. Can be land filled or incinerated, when in compliance with local regulations.

### 14.TRANSPORT INFORMATION

**Transport Information**

<b>Transport warning label :</b>	8
<b>Packing group :</b>	III
<b>ADR :</b>	Class 8
<b>RID :</b>	Class 8
<b>IMO – IMDG :</b>	Class 8
<b>IATA :</b>	Class 8
<b>UN No :</b>	3264 (Corrosive liquid, Acidic, inorganic, N.O.S).

### 15.REGULATORY INFORMATION

**Labelling according to EU directives**

<b>Danger symbols :</b>	Xi (Irritant).
<b>Risk phrases :</b>	R37/38/41 Irritating to eyes, respiratory system and skin.
<b>Safety phrases :</b>	S26 in the event of contact with eyes, rinse immediately with plenty of water (15 min) and seek medical attention. S28 in the event of contact with skin, rinse immediately with plenty of water (15 min) and seek medical attention. S37 Wear suitable gloves made of plastic or rubber S39 Wear eye/face protection.

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## **16. OTHER INFORMATION**

### **Further information:**

This MSDS was prepared in accordance with the following:

Council Directive 92/32/EEC of 30 April 1992 amending for the seventh time Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and all subsequent adaptations to technical progress.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

Commission Directive 2001/58/EC of 27 July 2001 amending for the second time Directive 91/155/EEC defining and laying down the detailed arrangements for the system of specific information relating to dangerous preparations in implementation of Article 14 of European Parliament and Council Directive 1999/45/EC and relating to dangerous substances in implementation of Article 27 of Council Directive 67/548/EEC (safety data sheets).

ISO 110140-1 : Material Safety Data Sheet for Chemical Product.

**Contact:** Tele: 0161 877 2334

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