



## Material Safety Data Sheet

**Accepta 4211**

Date issued: 01-06-2004

### 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 4211
Application:	Anionic polyacrylamide: Dry high molecular weight
Company Identification:	Accepta Ltd. Quay West Trafford Wharf Road Manchester M17 1HH United Kingdom
Office telephone number:	+44 (0) 161 240 2100
Office fax number:	+44 (0) 870 135 6389
Emergency Telephone Number:	+44 (0) 161 240 2100

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION:

HAZARDOUS INGREDIENTS:  
No Hazardous Ingredients

### 3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS: None

INHALATION:

SKIN CONTACT:

EYE CONTACT:

INGESTION:

ENVIRONMENTAL HAZARDS:

PHYSICAL AND CHEMICAL HAZARDS:



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### 4. FIRST AID MEASURES

**INHALATION:** Material is not expected to be harmful if inhaled. Remove to fresh air.

**SKIN CONTACT:** Wash immediately with plenty of water and soap.

**EYE CONTACT:** Rinse immediately with plenty of water for at least 15 minutes.

**INGESTION:** If quantities greater than 15 cc are swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use water spray or fog, carbon dioxide or dry chemical.

**FIRE AND EXPLOSION HAZARD:** Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING:** Firefighters, and others exposed, wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:**  
Spills are very slippery when wet.

**ENVIRONMENTAL PRECAUTIONS:**

**METHODS FOR CLEANING UP:**  
Slippery when wet.  
Sweep up into containers for disposal.  
Flush spill area with water.  
If slipperiness remains apply more dry-sweeping compound.  
Prevent liquid entering sewers.



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### 7. HANDLING AND STORAGE

HANDLING: Minimize dust.

STORAGE CONDITIONS: To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment.

STORAGE TEMPERATURE

4 - 32 C

REASON: Integrity

CONSTRUCTION MATERIAL COMPATIBILITY.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: No values have been established.

ENGINEERING MEASURES: Engineering controls are not usually necessary if good hygiene practices are followed.

RESPIRATORY PROTECTION: None recommended.

HAND PROTECTION: Wear impermeable gloves.

SKIN PROTECTION: Standard protective clothing.

EYE PROTECTION: Wear eye/face protection.

HYGIENE RECOMMENDATIONS: Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

COLOUR: off white

MATERIAL STATE: granular solid

ODOUR: odourless

BOILING POINT: Not applicable

MELTING POINT: Not available

VAPOUR PRESSURE: Not applicable

SPECIFIC GRAVITY: 0.75 - 0.95

VAPOUR DENSITY: Not applicable

% VOLATILE (By Wt.): 10 - 13; (water)

pH: 5 - 7; (aqueous solution)

EVAPORATION RATE: Not applicable

SOLUBILITY IN WATER: Limited by viscosity

VOLATILE ORGANIC

CONTENT: Not available

FLASH POINT: Not applicable

FLAMMABLE LIMITS (% By

Vol): Not applicable

AUTOIGNITION TEMP: Not available

DECOMPOSITION TEMP: Not available



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### 10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known

MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:  
carbon monoxide; carbon dioxide; ammonia; oxides of nitrogen

### 11. TOXICOLOGICAL INFORMATION

#### EEC SUBSTANCE/PREPARATION TOXICITY CLASSIFICATION

Oral LD50 (rat): Not applicable > 5000 mg/kg (actual)  
Dermal LD50 (rabbit): Not applicable > 10000 mg/kg (actual)  
Inhalation LC50 (4-hour rat): No data  
Skin Irritation (rabbit): Not irritating  
Eye Irritation (rabbit): Not irritating  
Dermal Sensitization: Not sensitizing  
Inhalation Sensitization: Not sensitizing  
Ames Salmonella Assay: No data

#### POTENTIAL HEALTH EFFECTS

None

#### HAZARDOUS INGREDIENT TOXICITY DATA

No Hazardous Ingredients

### 12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION:

MOBILITY AND BIOACCUMULATION POTENTIAL:

ECOTOXICOLOGICAL EFFECTS:

#### ADDITIONAL ECOLOGICAL DATA:

Bluegill Sunfish (*Lepomis macrochirus*), 96-Hour LC50: >100 mg/L  
Rainbow Trout (*Oncorhynchus mykiss*), 96-Hour LC50: >100 mg/L  
Octanol/H<sub>2</sub>O Partition Coef.: Not available



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### 13. DISPOSAL CONSIDERATIONS

ACCEPTA encourages the recycle, recovery and reuse of materials, where permitted. If disposal is necessary, ACCEPTA recommends that organic materials, especially when classified as hazardous waste, be disposed of by thermal treatment or incineration at approved facilities.  
All local and national regulations should be followed.

### 14. TRANSPORT INFORMATION

**ADR/RID**

Not applicable

**INTERNATIONAL SHIPPING INFORMATION**

**IMO**

SHIPPING NAME: NOT APPLICABLE/NOT REGULATED

HAZARD CLASS: Not applicable

SUBSIDIARY CLASS: Not applicable

UN NUMBER: Not applicable

PACKING GROUP: Not applicable

TRANSPORT LABEL REQUIRED: None required

**ICAO/IATA**

SHIPPING NAME: NOT APPLICABLE/NOT REGULATED

HAZARD CLASS: Not applicable

SUBSIDIARY CLASS: Not applicable

UN NUMBER: Not applicable

PACKING GROUP: Not applicable

TRANSPORT LABEL REQUIRED: None required

**ADDITIONAL TRANSPORT INFORMATION**

TECHNICAL NAME (N.O.S.): Not applicable

### 15. REGULATORY INFORMATION

**EEC MARKING AND LABELING**

SYMBOL: None required

RISK PHRASES: None

SAFETY PHRASES: S82 Spills are very slippery when wet.

**INVENTORY INFORMATION**

EEC EINECS: All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) or are polymers of which the components are in EINECS, in compliance with Council Directive 67/548/EEC and its amendments.

US TSCA: All components of this product are included on the TSCA Inventory in compliance with the Toxic Substances Control Act, 15 U. S. C. 2601 et. seq.

CANADA

DSL:

Components of this product have been reported to Environment Canada in accordance with subsection 25 of the Canadian Environmental Protection Act and are included on the Domestic Substances List.



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**16. OTHER INFORMATION**

Emergency Telephone Number +44 (0) 161 240 2100