



**Material Safety Data Sheet**

**Accepta 2090**

Date issued: 01-06-2004

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

Product Name:	ACCEPTA 2090
Application:	Flocculant: High molecular weight liquid cationic polymer
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:  
Water, Polymer, Inorganic salt(s)  
HAZARDOUS INGREDIENTS: This product is not classified as dangerous (European Directive 88/379/EEC, 1999/45/EC)

**3. HAZARD IDENTIFICATION**

This product is not classified as dangerous (European Directive 88/379/EEC, 1999/45/EC).  
**HUMAN HEALTH HAZARDS - ACUTE:**  
**INHALATION:**  
 May cause irritation of mucous membranes.  
**SKIN CONTACT:**  
 Can cause mild irritation  
**EYE CONTACT:**  
 Can cause moderate irritation.  
**INGESTION:**  
 There may be irritation to the gastro-intestinal tract with nausea and vomiting.  
**PHYSICAL AND CHEMICAL HAZARDS:**  
 Can react violently with alkalis and oxidising agents.



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### 4. FIRST AID MEASURES

**INHALATION:**

Remove to fresh air, rest, treat symptomatically. Obtain medical attention.

**SKIN CONTACT:**

Remove contaminated clothing. Wash off affected area immediately with plenty of water.

**EYE CONTACT:**

Immediately gently irrigate with clean water for at least 15 minutes. Move eyeball and keep eyelids wide open and apart whilst irrigating. Obtain medical attention.

**INGESTION:** Do not induce vomiting without medical advice. If conscious wash out mouth and give 500ml of water to drink. Obtain medical attention.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:**

Not expected to burn. Use extinguishing media appropriate for surrounding fire.

**FIRE AND EXPLOSION HAZARD**

Oxides of nitrogen, Oxides of sulphur, Oxides of carbon, Hydrogen chloride, Ammonia (under fire conditions).

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING:**

In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit. Water mist may be used to cool closed containers.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:**

Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Use personal protective equipment recommended in Section 8

**ENVIRONMENTAL PRECAUTIONS:**

Do not allow to enter sewers or water courses. If spillage does enter sewers or water courses, immediately inform the appropriate water authorities

**METHODS FOR CLEANING UP:**

Contain and absorb with sand or vermiculite and mix well. Collect up and remove to a safe place until disposal. Wash site of spillage thoroughly with water. Assistance can be obtained from waste disposal companies. Use of alkaline absorbent materials will generate ammonia. Do not mix with any bleaches or oxidising agents. Please refer to Section 13 for disposal considerations.



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### 7. HANDLING AND STORAGE

**HANDLING:**

Avoid contact with skin and eyes. Use with adequate ventilation. Use personal protective equipment recommended in Section 8.

**STORAGE CONDITIONS:**

Protect from freezing. Keep container tightly closed. Storage for more than one year is not recommended. Avoid temperatures greater than > 40 °C. Store away from direct sunlight. It is recommended to store the product inside during all four seasons.

**CONSTRUCTION MATERIAL COMPATIBILITY.** Compatible with:

polypropylene, polyurethane, polyethylene, hypalon, buna-N, teflon, viton, vinyl, fibre glass 411, Plasite 4005, 6000 and 7122, neoprene.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**OCCUPATIONAL EXPOSURE LIMITS** None

**ENGINEERING MEASURES** General ventilation is recommended.

**RESPIRATORY PROTECTION:** If significant mists, vapours or aerosols are generated an approved respirator is recommended. filter-type A.

**HAND PROTECTION:** PVC gloves, Nitrile gloves. Most glove materials are of low chemical resistance. Replace gloves regularly.

**SKIN PROTECTION:** Standard protective clothing.

**EYE PROTECTION:** Chemical splash goggles.

**HYGIENE RECOMMENDATIONS:** Keep an eye wash fountain available. Keep a safety shower available. Wash hands during breaks and at end of the shift. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**NOTE:** These physical properties are typical values for this product

**FORM:** Liquid

**COLOUR:** White

**ODOUR:** None

**VALUE UNIT TEST METHOD**

**BOILING POINT:** approx. 120 °C

**FLASH POINT:** None

**RELATIVE DENSITY:** 1.18-1.20 (20 °C )

**SOLUBILITY IN WATER:** Complete

pH 3.5-4.5

**VISCOSITY** <3000 cps

**FREEZING POINT:** approx. -10 °C

Abbreviation: NE = not evaluated, NA = not applicable, NR = not relevant



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### 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable under ambient conditions

**CONDITIONS TO AVOID:**

Extremes of temperature: < -10 °C and > 40 °C.

**MATERIALS TO AVOID:**

Can react violently with alkalis and oxidising agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of nitrogen, Oxides of sulphur, Oxides of carbon, Hydrogen chloride. Ammonia (under fire conditions).

### 11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

**ACUTE TOXICITY DATA:**

**ACUTE LETHALITY VALUES:**

Oral (mouse) LD50 = 7500 mg/kg

**PRIMARY (DRAIZE TEST) SKIN/EYE**

Primary skin irritation: No

### 12. ECOLOGICAL INFORMATION

**PERSISTENCY AND DEGRADATION:**

Biological Oxygen Demand (BOD 5 ): 24000 mg/l

Chemical Oxygen Demand (COD): 380000 mg/l

The product is not expected to be readily biodegradable.

**MOBILITY AND BIOACCUMULATION POTENTIAL:**

No bioaccumulation expected.

**ADDITIONAL ECOLOGICAL DATA:**

AOX information: Product contains no organic halogens



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### 13. DISPOSAL CONSIDERATIONS

Via authorized contractor. If this product becomes a waste, the final user must define and assign the appropriate European Waste Catalogue code. Ensure compliance with EC, national and local regulations.

NATIONAL REGULATIONS UK

In accordance with the Environmental Protection ( Duty of Care) Regulations 1991.

### 14. TRANSPORT INFORMATION

Class: Not regulated

### 15. REGULATORY INFORMATION

CLASSIFICATION:

HAZARD SYMBOL: Not applicable

Contains: --

RISK PHRASES:

This product is not classified as dangerous (European Directive 88/379/EEC, 1999/45/EC)

SAFETY PHRASES:

S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of

water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water.

S36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

Safety data sheet available for professional user on request.

NATIONAL REGULATIONS GERMANY

VbF-Klasse: None

WHG-WGK: 2

TA-Luft: -

Berufsgenossensch. Vorschriften: Take notice of UVV-Chemie.

Hinweise zur Beschäftigungsbeschränkung: None

NATIONAL REGULATIONS UK

COSHH regulations apply. A precaution card is available and should be displayed wherever this product is

used and stored (Ref. NHSL).

NATIONAL REGULATIONS SWITZERLAND

BAGT-Nr: 616200

Toxic class: frei



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**16. OTHER INFORMATION**

Emergency Telephone Number +44 (0) 161 240 2100