



**Material Safety Data Sheet**

**Accepta 2081**

Date issued: 01-06-2004

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

Product Name:	ACCEPTA 2081
Application:	Flocculant water treatment
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:

CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
This product is not classified as hazardous (European Directive 88/379/EEC, 1999/45/EC)					

**3. HAZARD IDENTIFICATION**

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. If skin irritation persists, obtain medical attention.

**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.

Spill may be slippery.

**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.



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**7. HANDLING AND STORAGE**

**HANDLING:**  
 Avoid contact with skin and eyes. Use with adequate ventilation. Avoid generating aerosols and mists

**STORAGE CONDITIONS:**  
 Protect from freezing. Keep container tightly closed. Storage for more than 6 months 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:  
 PVC, 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**  
 Not normally needed. Local exhaust ventilation is recommended where significant mists, vapours or aerosols are generated.

**RESPIRATORY PROTECTION:**  
 Respiratory protection not normally needed. 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 at breaks and at the 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 - Opaque  
**ODOUR:** None

**VALUE UNIT TEST METHOD**

**BOILING POINT:** 120 °C  
**FLASH POINT:** NA  
**RELATIVE DENSITY:** 1.21-1.23 (20 °C )  
**SOLUBILITY IN WATER:** Complete  
 pH ( 25 °C ) 3.0-4.2  
**VISCOSITY ( 25 °C )** <700 cps  
**FREEZING POINT:** -10 °C  
**FREEZE- THAW RECOVERY:** Complete  
 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) LD<sub>50</sub> = 7500 mg/kg

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

Primary skin irritation: No

### 12. ECOLOGICAL INFORMATION

**PERSISTENCY AND DEGRADATION:**

Biological Oxygen Demand (BOD<sub>5</sub>): 9700 mg/l

Chemical Oxygen Demand (COD): 130000 mg/l

TOC: 65000 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.

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 hazardous (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 Classification according VwVwS v. 17.05.99, Anhang 4

StörfallVO: /12.BImSchV.Liste d. Anh. II): -

TA-Luft: -

Hinweise zur Beschäftigungsbeschränkung: None

NATIONAL REGULATIONS UK

COSHH regulations apply.

NATIONAL REGULATIONS SWITZERLAND

BAGT-Nr: 616200

Toxic class: frei



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**16. OTHER INFORMATION**

Emergency Telephone Number +44 (0) 161 240 2100