



Material Safety Data Sheet

Accepta 2059

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 2059
Application:	EpiDMA water & waste water treatment cationic coagulant
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: Quaternary ammonium compound(s) in aqueous solution

HAZARDOUS INGREDIENTS:
This product is not classified as hazardous (European Directive 88/379/EEC).

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS: Acute

INHALATION: May cause irritation of mucous membranes.

SKIN CONTACT: May cause irritation with prolonged contact.

EYE CONTACT: Can cause mild irritation.

INGESTION: May cause mucosal damage.

ENVIRONMENTAL HAZARDS: Very toxic to fish and aquatic fauna. Do not contaminate waters

PHYSICAL AND CHEMICAL HAZARDS:



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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 carbon

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING: In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit

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: Very toxic to fish and aquatic fauna. Do not contaminate waters.

METHODS FOR CLEANING UP:

Small spills: Soak up with inert absorbent material. Clean up promptly by scoop or vacuum.

Large spills: Dam up. Reclaim into recovery or salvage drums.



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7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes.

STORAGE CONDITIONS: Protect from freezing. Storage for more than one year is not recommended.

CONSTRUCTION MATERIAL COMPATIBILITY.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None

ENGINEERING MEASURES: General ventilation is recommended.

RESPIRATORY PROTECTION: Respiratory protection not normally needed.

HAND PROTECTION: Nitrile gloves

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: Light yellow

ODOUR: Slight

VALUE UNIT TEST METHOD

BOILING POINT: >100 °C

FLASH POINT: None

RELATIVE DENSITY: 1.14 - 1.18

SOLUBILITY IN WATER: Complete

pH (neat, 20°C): 7.0 - 8.5

VISCOSITY (20 °C): 125 - 400 cps

FREEZING POINT: -7 °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: Freezing temperatures.

MATERIALS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of nitrogen, Oxides of carbon (under fire conditions).

11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

ACUTE TOXICITY DATA: The following results are for a similar product.

ACUTE LETHALITY VALUES:

Oral (rat) LD50 = >5.0 g/kg

Dermal (rabbit) LD50 = >2.0 g/kg

PRIMARY (DRAIZE TEST) SKIN/EYE

Primary skin irritation: 0.1 /8.0

Primary eye irritation: 9.0 /110.0

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION:

Biological Oxygen Demand (BOD 5): 0

Chemical Oxygen Demand (COD) 330000 mg/l

TOC: 160000 mg/l

MOBILITY AND BIOACCUMULATION POTENTIAL: No bioaccumulation expected.

ECOTOXICOLOGICAL EFFECTS:

LC50/96H/Pimephales promelus (Fathead Minnow)= 0.38 mg/l

NOEC/96H/Pimephales promelus (Fathead Minnow)= 0.25 mg/l

LC50/96H/Oncorhynchus Mykiss (Rainbow Trout)= 0.097 mg/l

NOEC/96H/Oncorhynchus mykiss (Rainbow Trout) = 0.060 mg/l

LC50/48H/Daphnia magna (Water Flea) = 0.7 mg/l

NOEC/48H/Daphnia magna (Water Flea) = 0.25 mg/l

ADDITIONAL ECOLOGICAL DATA:



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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.

NATIONAL REGULATIONS AUSTRIA:

Waste Code: 57702

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).

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

NATIONAL REGULATIONS GERMANY

Not classified according to regulations for hazardous materials

VbF-Klasse: None

WHG-WGK: 2 Classification according VwVwS v. 17.05.99, Anhang 4

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

TA-Luft: -

Berufsgenossensch. Vorschriften: None

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.

Approved in the UK for potable water treatment at doses up to 7 mg/l.



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 240 2100