



Material Safety Data Sheet

Accepta 2058

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 2058
Application:	PolyDADMAC 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:
Water, Polyquaternary Amine.

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

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS: Acute

INHALATION: May cause mild irritation.

SKIN CONTACT: Can cause mild irritation.

EYE CONTACT: Can cause mild irritation.

INGESTION: There may be irritation to the gastro-intestinal tract with nausea and vomiting.

HUMAN HEALTH HAZARDS - CHRONIC: None known.

ENVIRONMENTAL HAZARDS: Toxic to aquatic organisms.

PHYSICAL AND CHEMICAL HAZARDS: None known.



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4. FIRST AID MEASURES

INHALATION: Usually not necessary unless aerosol/mists are generated. 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.

UNSUITABLE EXTINGUISHING MEDIA: Not applicable.

FIRE AND EXPLOSION HAZARD: Oxides of nitrogen, Oxides of carbon (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

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear protective overalls, chemical splash goggles and impervious gloves.

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.



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7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Avoid generating aerosols and mists. Avoid use of stainless steel, carbon steel, copper, aluminium, Zinc, brass and nylon.

STORAGE CONDITIONS: Keep container tightly closed. Storage for more than one year is not recommended.

CONSTRUCTION MATERIAL COMPATIBILITY. Equipment for storage and application should be constructed from PVC, polypropylene, polyethylene, neoprene, viton, nitrile rubber or butyl rubber.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: This product does not contain any ingredient which has an established exposure limit.

ENGINEERING MEASURES: Not normally needed. Local exhaust ventilation is recommended where significant aerosols / mists are generated.

RESPIRATORY PROTECTION: Respiratory protection not normally needed. If significant mists, vapours or aerosols are generated an approved respirator is recommended.

HAND PROTECTION: PVC gloves, Neoprene gloves, Nitrile gloves, Butyl gloves.

SKIN PROTECTION: Not normally needed..

EYE PROTECTION: Chemical splash goggles..

HYGIENE RECOMMENDATIONS: Keep an eye wash fountain available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid

COLOUR: Light yellow

ODOUR: None

BOILING POINT: NE

MELTING POINT: NA

FLASH POINT: NA

AUTOFLAMMABILITY: NA

EXPLOSION LIMITS: NA

VAPOUR PRESSURE NE

RELATIVE DENSITY: 1.02 - 1.06

(20-25 °C)

SOLUBILITY IN WATER: Complete

pH 4.0 - 5.0

OCTANOL/WATER COEFFICIENT: NE

VISCOSITY NE

BULK DENSITY: NA

FREEZING POINT: -10 °C

POUR POINT: NE

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 bases.

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:

ACUTE LETHALITY VALUES:

Oral (rat) LD50 = 4.7 g/kg.

Dermal (rabbit) LD50 = >2.0 g/kg.

PRIMARY (DRAIZE TEST) SKIN/EYE

Primary skin irritation 0.84/8.0.

Primary eye irritation 1.0/110.

SENSITIZATION:

No data available

CHRONIC TOXICITY DATA:

No data available

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION:

Chemical Oxygen Demand (COD) 88940 mg/l.

Biological Oxygen Demand (BOD 5) 700 mg/l.

MOBILITY AND BIOACCUMULATION POTENTIAL:

No data available.

ECOTOXICOLOGICAL EFFECTS:

LC50/96H/Lepomis macrochirus (Bluegill Sunfish)= 0.90 mg/l.

LC50/96H/Oncorhynchus Mykiss (Rainbow Trout)= 0.47 mg/l.

LC50/96H/Pimephales promelas (Fathead Minnow)= 0.90 mg/l.

LC50/48H/Daphnia magna (Water Flea) = 97 mg/l.



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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: 59402

14. TRANSPORT INFORMATION

Class: Not regulated.

15. REGULATORY INFORMATION

CLASSIFICATION:

HAZARD SYMBOL: This product is not classified as hazardous, however, we recommend the following safety instructions.

Contains: --

RISK PHRASES:

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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.

S37/39 Wear suitable gloves and eye/face protection.

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.

NATIONAL REGULATIONS SWITZERLAND

BAGT-Nr: 617400



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 240 2100