



Material Safety Data Sheet

Accepta 2041

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name: Application: Company Identification: Office telephone number: Office fax number: Emergency Telephone Number:	ACCEPTA 2041 Water Treatment Flocculant: Medium molecular weight cationic liquid polymer Accepta Ltd. Quay West Trafford Wharf Road Manchester M17 1HH United Kingdom +44 (0) 161 240 2100 +44 (0) 870 135 6389 +44 (0) 161 240 2100
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description: Hazardous ingredients:	Water, Polymer This product is not classified as hazardous (European Directive 88/379/EEC)
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3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS: INHALATION: SKIN CONTACT: EYE CONTACT: INGESTION: ENVIRONMENTAL HAZARDS: PHYSICAL AND CHEMICAL HAZARDS:	Acute May cause irritation of mucous membranes. Can cause mild irritation Can cause moderate irritation. There may be irritation to the gastro-intestinal tract with nausea and vomiting. May cause diarrhoea. May cause nausea and vomiting. Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. Can react violently with alkalis and oxidising agents.
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4. FIRST AID MEASURES	
INHALATION:	Remove to fresh air, rest, and 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 half litre 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 watercourses, 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.

STORAGE CONDITIONS: Protect from freezing. Keep container tightly closed. Avoid temperatures greater than 40 °C. Store away from direct sunlight. It is recommended to store the product inside during all four seasons.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None

ENGINEERING MEASURES: General ventilation is recommended. Local exhaust ventilation is recommended where significant mists, vapours or aerosols are generated.

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

HAND PROTECTION: PVC 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

FLASH POINT: >90 °C

RELATIVE DENSITY: 1.25 (20 °C)

SOLUBILITY IN WATER: Complete

pH (25 °C)3.5- 4.0



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10. STABILITY AND REACTIVITY

STABILITY: Stable under ambient conditions.

CONDITIONS TO AVOID: Freezing temperatures and greater than 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

Hazard classification is based on 88/379/EEC, 67/548/EEC and available ingredient toxicity data. Please refer to section 3 for hazards identification.

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION: Biological Oxygen Demand (BOD₅): 32000 mg/l
Chemical Oxygen Demand (COD): 200000 mg/l
TOC: 790 mg/l.
The product is not expected to be readily biodegradable.

MOBILITY AND BIOACCUMULATION POTENTIAL: No bioaccumulation expected.

ECOTOXICOLOGICAL EFFECTS: : The following results are for a similar product:
LC₅₀/96H/Pimephales promelus (Fathead Minnow)= 16 mg/l
LC₅₀/96H/Oncorhynchus Mykiss (Rainbow Trout)= 1.1 mg/l
LC₅₀/48H/Daphnia magna (Water Flea) = 230 mg/l

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:

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

NATIONAL REGULATIONS GERMANY: VbF-Klasse: None

WHG-WGK: 2

TA-Luft: -

Berufsgenossensch. Vorschriften: - None

Hinweise zur Beschäftigungsbeschränkung: None

NATIONAL REGULATIONS UK: COSHH regulations apply.



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 240 2100