



**Material Safety Data Sheet**

**Accepta 2014**

Date issued: 01-06-2004

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

Product Name:	ACCEPTA 2014
Application:	Boiler water internal treatment: sludge control
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:	Preparation containing: Carboxylate 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:	Can cause mild irritation.
EYE CONTACT:	Can cause mild irritation.
INGESTION:	May cause nausea and vomiting
ENVIRONMENTAL HAZARDS:	
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:** Use extinguishing media appropriate for surrounding fire. Water mist may be used to cool closed containers.

**FIRE AND EXPLOSION HAZARD:** Oxides of carbon, Oxides of nitrogen.

**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:** 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:** 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. Use with adequate ventilation.

**STORAGE CONDITIONS:** Protect from freezing. Keep container tightly closed.

**CONSTRUCTION MATERIAL COMPATIBILITY.**

### 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.

**HAND PROTECTION:** Impervious 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:** Ammoniacal

**BOILING POINT:** 93.3 °C ASTM D-86

**FLASH POINT:** None ( PMCC ) ASTM D-93

**VAPOUR PRESSURE 20 °C:** 11.5 mmHg ASTM D-323

**RELATIVE DENSITY:** 1.19-1.23 ( 15.6 °C ) ASTM D-1298

**SOLUBILITY IN WATER:** Complete

**pH:** 9 - 10 ASTM E-70

**VISCOSITY ( 15.6 °C ):** 58 cps ASTM D-2983

**FREEZING POINT:** - 5 °C ASTM D-1177



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### 10. STABILITY AND REACTIVITY

STABILITY: Stable under ambient conditions.

CONDITIONS TO AVOID: Freezing temperatures.

MATERIALS TO AVOID: Keep away from: Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon Oxides of nitrogen (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: Persistency/Resistency: Readily eliminated  
Abiotic degradation: The product is eliminated via abiotic process (adsorption on activated sludge) to a large amount from the aqueous phase.

The following results are for a 1% aqueous solution:

BOD<sub>5</sub> = 10 mg/l

BOD<sub>28</sub> = 93 mg/l

MOBILITY AND BIOACCUMULATION POTENTIAL: No bioaccumulation

ECOTOXICOLOGICAL EFFECTS:

LC<sub>50</sub>/48H/Daphnia magna (Water Flea) = > 1000 ppm

The following results are for a similar product:

LC<sub>50</sub>/96H/Lepomis macrochirus (Bluegill Sunfish) = > 1000 ppm

LC<sub>50</sub>/96H/Oncorhynchus Mykiss (Rainbow Trout) = > 1000 ppm

ADDITIONAL ECOLOGICAL DATA:

Behaviour in municipal sewage treatment plants: Discharge in minor quantity into adapted biological units of sewage treatment plants is not expected to affect the efficiency of the activated sludge process. AOX information: Product contains no organic haloaens.



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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: 57304

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

NATIONAL REGULATIONS AUSTRIA: VbF-Klasse: None



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**16. OTHER INFORMATION**

Emergency Telephone Number +44 (0) 161 240 2100