



Material Safety Data Sheet

Accepta 2015

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 2015
Application:	Scale Inhibitor Boiler Feed Water Treatment (Phosphate based)
Company Identification:	Accepta Ltd. Quay West Trafford Wharf Road Manchester M17 1HH United Kingdom
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Office fax number:	+44 (0) 870 135 6389
Emergency Telephone Number:	+44 (0) 161 240 2100

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION: Water, Phosphate.

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

HUMAN HEALTH HAZARDS - CHRONIC: None known.

ENVIRONMENTAL HAZARDS: High phosphate levels in surface water can cause eutrophication with subsequent algal blooms and oxygen depletion.

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. 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: May evolve oxides of phosphorus 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: 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: 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.

STORAGE CONDITIONS: Protect from freezing. Keep container tightly closed. Storage for more than two years is not recommended.

CONSTRUCTION MATERIAL COMPATIBILITY: Equipment for storage and application should be constructed from stainless steel, carbon steel, cast iron, copper, bronze, PVC, polypropylene, polyethylene, acrylic resin or nylon.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None.

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.

SKIN PROTECTION: Not normally needed.

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: Colourless - Light yellow

ODOUR: None

BOILING POINT: >100 °C

VAPOUR PRESSURE <24 mmHg

RELATIVE DENSITY: @20°C 1.30 - 1.34

SOLUBILITY IN WATER: Complete

pH 6.0 - 8.0

VISCOSITY (25 °C): 8 cps

FREEZING POINT: -8 °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. Avoid temperatures greater than 15°C to minimise hydrolysis.

MATERIALS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of phosphorus (under fire conditions)

11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

ACUTE TOXICITY DATA: The following results are for the active ingredients:

ACUTE LETHALITY VALUES:
Oral (rat) LD 50 = 2900-6500 mg/kg.

PRIMARY (DRAIZE TEST) SKIN/EYE: No data available.

SENSITIZATION: No data available.

CHRONIC TOXICITY DATA: No data available.

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION:

MOBILITY AND BIOACCUMULATION POTENTIAL: No bioaccumulation expected.

ECOTOXICOLOGICAL EFFECTS:

ADDITIONAL ECOLOGICAL DATA:
High phosphate levels in surface water can cause eutrophication with subsequent algal blooms and oxygen depletion.



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

Contains: --

RISK PHRASES:

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: 1 Classification according VwVwS v. 17.05.99, Anhang 4

Berufsgenossensch. Vorschriften: None

Hinweise zur Beschäftigungsbeschränkung: None

NATIONAL REGULATIONS UK

COSHH regulations apply.



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16. OTHER INFORMATION

FOOD AND DRUG ADMINISTRATION (FDA) Federal Food, Drug and Cosmetic Act: Product complies with 21CFR173.310

Emergency Telephone Number +44 (0) 161 240 2100