



Material Safety Data Sheet

Accepta 2091

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 2091
Application:	Reverse osmosis membrane antiscalant
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:
Phosphonate and Polymer in aqueous solution.

HAZARDOUS INGREDIENTS: This product is not classified as dangerous (European Directive 88/379/EEC, 1999/45/EC).

3. HAZARD IDENTIFICATION

This product is not classified as dangerous (European Directive 88/379/EEC, 1999/45/EC).

HUMAN HEALTH HAZARDS - ACUTE:
INHALATION:
May cause irritation of mucous membranes.
SKIN CONTACT:
Can cause mild irritation.
EYE CONTACT:
Can cause moderate irritation.
INGESTION:
May cause mucosal damage.



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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:
Rinse mouth immediately and repeatedly with water. **Do not induce vomiting without medical advice.** Obtain medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:
Not expected to burn. Water spray, foam, dry powder, carbon dioxide.
FIRE AND EXPLOSION HAZARD
Oxides of phosphorus, 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:
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. Ensure adequate ventilation. Use personal protective equipment recommended in Section 8.
ENVIRONMENTAL PRECAUTIONS:
Dispose of this material and its container to hazardous or special waste collection point. Do not allow material to contaminate ground water system.
METHODS FOR CLEANING UP:
Small spills: Soak up with inert absorbent material. Clean up promptly by scoop or vacuum.
Large spills: Sweep up and shovel. Reclaim into recovery or salvage drums.
Please refer to Section 13 for disposal considerations.



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7. HANDLING AND STORAGE

HANDLING:

Avoid contact with skin and eyes. Avoid generating aerosols and mists. Use personal protective equipment recommended in Section 8.

STORAGE CONDITIONS:

Keep container tightly closed and dry. Storage for more than two years is not recommended.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS None.

ENGINEERING MEASURES General ventilation is recommended.

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

HAND PROTECTION: Rubber gloves, 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. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Wash hands at breaks and at the end of the shift.

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: These physical properties are typical values for this product

FORM: Liquid

COLOUR: Light yellow

RELATIVE DENSITY: 1.20 - 1.24

SOLUBILITY IN WATER: Complete

pH 10

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:

Extremes of temperature

MATERIALS TO AVOID:

Do not mix with Strong bases, Acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of phosphorus, Oxides of carbon (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

No data available on the product.



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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. Ensure compliance with EC, national and local regulations.

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: Not applicable.

Contains: --

RISK PHRASES:

This product is not classified as dangerous (European Directive 88/379/EEC, 1999/45/EC)

SAFETY PHRASES:

S24/25 Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, 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

VbF-Klasse: None

WHG-WGK: 1

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