



## Material Safety Data Sheet

**Accepta 2068**

Date issued: 01-06-2004

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

Product Name:	ACCEPTA 2068
Application:	Membrane cleaner: Reverse osmosis ammoniated citric for removing iron deposits
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:  
Organic acid derivative 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:

Repeated or prolonged exposure may irritate the respiratory tract.

SKIN CONTACT:

Can cause mild irritation.

EYE CONTACT:

Can cause mild 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:**

This product would not be expected to burn unless all the water is boiled away. The remainders may be ignitable. Water spray, foam, dry powder, carbon dioxide.

**FIRE AND EXPLOSION HAZARD**

Oxides of nitrogen, Ammonia, 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. Take off immediately all contaminated clothing. 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.

Wash site of spillage thoroughly with water. Please refer to Section 13 for disposal considerations.



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### 7. HANDLING AND STORAGE

**HANDLING:**

Avoid contact with skin and eyes. Use with adequate ventilation. Use personal protective equipment recommended in Section 8.

**STORAGE CONDITIONS:**

Keep container tightly closed and in a well-ventilated place. 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 or plastic 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 during breaks and at 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:** Straw

**VALUE UNIT TEST METHOD**

**RELATIVE DENSITY:** 1.18

**SOLUBILITY IN WATER:** Complete

**pH** 3.7

**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:**

Strong bases, Strong oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of nitrogen, Ammonia, 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

**PERSISTENCY AND DEGRADATION:**

Chemical Oxygen Demand (COD): 49 mg O<sub>2</sub> uptake / g product

TOC: 165000 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. 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. 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. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

NATIONAL REGULATIONS GERMANY

VbF-Klasse: None

WHG-WGK: 1 Classification according VwVwS v. 17.05.99, Anhang 4

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