

ANALIS MATERIAL SAFETY DATA SHEET

NAME OF KIT: **CEofix™, CDT FOR P/ACE MDQ KIT**
PART NUMBER: **10-004760**
EUROPN°: **844111036**

SECTION I - GENERAL

Manufacturer: **ANALIS S.A. Z.I de Rhines, Rue de Néverlée 11
B-5020 SUARLEE – BELGIUM**

Phone: **++32-81-255050**

Fax: **++32-81-231237**

SECTION II - COMPONENT DATA

This kit contains the components listed below. The material safety data sheet for each component is attached.

NAME OF COMPONENT

CEofix™ CDT Conditioner (40 mL) - P/N 10-004741.

CEofix™ CDT Buffer; pH = 8,5 (18 mL) – P/N 10-004762

CEofix™ CDT Rinse (30 mL) – P/N 10-004743

CEofix™ CDT Initiator; pH = 2,0 (6 mL) – P/N 10-004764

CEofix™ CDT Fe Solution (15 mL) – P/N 10-004765

COMPONENT: **CDT CONDITIONER**
PART NUMBER: **10-004741**

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: **ANALIS S.A. Z.I de Rhines, Rue de Néverlée 11
B-5020 SUARLEE – BELGIUM**

Phone: **++32-81-255050**
Fax: **++32-81-231237**

Chemical name and synonyms: **Sodium Hydroxide (0,2 mol/L)**
Chemical family: **N/A**

SECTION II - HAZARDOUS INGREDIENTS

SODIUM HYDROXIDE: **Concentrated solutions are irritating to skin, mucous membranes.**

SECTION III - PHYSICAL DATA

Boiling point: **not determined**
Vapor density: **not determined**
Vapor pressure: **not determined**
Specific gravity: **not determined**
% volatile by volume: **99%**
Solubility in water: **Soluble**
Appearance and odor: **clear, colorless and odorless solution**
Others: **pH = 13,0 ± 0,3**

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

NOT FLAMMABLE.

SECTION V - HEALTH HAZARD DATA

Threshold limit value: **not available for mixture**
Effects of overexposure: **not available for mixture**
Emergency and first aid procedure: **if ingested seek medical attention**

SECTION VI - REACTIVITY DATA

Stability: **Stable**
Incompatibility (Materials to avoid): **none known**
Hazardous decomposition products: **none known**
Hazardous polymerization: **does not occur**

SECTION VII - SPILL OR LEAKS PROCEDURE

Step to be taken in case material is released or spilled: **absorb on inert material.**

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: **NIOSH approved dust/mist respirator. Self-contained breathing apparatus for fires and spills**
Ventilation: **General room ventilation is satisfactory.**
Protective gloves: **Impervious, chemical resistant gloves**
Eye protection: **Safety glasses with side shields or chemical safety goggles**
Other protective equipment: **Safety shower, eyewash, and respiratory equipment. Safety pipet device. Suitable protective clothing.**

SECTION IX - SPECIAL PRECAUTION

Precaution to be taken in handling and storing: **Keep container tightly closed, store at room temperature. Protect containers from damage**
Other precaution: **Always read and follow directions.**

DISCLAIMER

THE INFORMATION, DATA AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON INFORMATION BELIEVED BY ANALIS S.A. TO BE ACCURATE. HOWEVER, ANALIS NEITHER WARRANTS THE ACCURACY OF THIS INFORMATION NOR ASSUMES ANY LEGAL RESPONSABILITY IN CONNECTION WITH ITS DISSEMINATION. ALL MATERIALS AND MIXTURES MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. WHEN NECESSARY OR APPROPRIATE INDEPENDENT OPTIONS REGARDING THE RISKS OF HANDLING OR EXPOSURE SHOULD BE OBTAINED FROM TRAINED PROFESSIONALS.

A. DYNEROWICZ
Production Manager R & D Department

COMPONENT: **CDT BUFFER pH = 8,5**
PART NUMBER: **10-004762**

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: **ANALIS S.A. Z.I de Rhines, Rue de Néverlée 11
B-5020 SUARLEE – BELGIUM**

Phone: **++32-81-255050**
Fax: **++32-81-231237**

Chemical name and synonyms: **Tris/Boric acid buffer/Polyanions**
Chemical family: **N/A**

SECTION II - HAZARDOUS INGREDIENTS

BORIC ACID: **Concentrated solutions are irritating to skin, mucous membranes.**

SECTION III - PHYSICAL DATA

Boiling point: **not determined**
Vapor density: **not determined**
Vapor pressure: **not determined**
Specific gravity: **not determined**
% volatile by volume: **96%**
Solubility in water: **Soluble**
Appearance and odor: **clear, colorless and odorless solution**
Others: **pH = 8,5 ± 0,3**

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

NOT FLAMMABLE.

SECTION V - HEALTH HAZARD DATA

Threshold limit value: **not available for mixture**
Effects of overexposure: **not available for mixture**
Emergency and first aid procedure: **if ingested seek medical attention**

SECTION VI - REACTIVITY DATA

Stability: **Stable**
Incompatibility (Materials to avoid): **none known**
Hazardous decomposition products: **none known**
Hazardous polymerization: **does not occur**

SECTION VII - SPILL OR LEAKS PROCEDURE

Step to be taken in case material is released or spilled: **absorb on inert material.**

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: **not required**
Ventilation: **General room ventilation is satisfactory.**
Protective gloves: **not required**
Eye protection: **not required**
Other protective equipment: **not required**

SECTION IX - SPECIAL PRECAUTION

Precaution to be taken in handling and storing: **Keep container tightly closed, store at room temperature.
Protect containers from damage**
Other precaution: **Always read and follow directions.**

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A. DYNEROWICZ
Production Manager R & D Department

COMPONENT: CDT RINSE
PART NUMBER: 10-004743

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: ANALIS S.A. Z.I de Rhines, Rue de Néverlée 11
B-5020 SUARLEE – BELGIUM

Phone: ++32-81-255050
Fax: ++32-81-231237

Chemical name and synonyms: Bidistilled Water
Chemical family: H₂O

SECTION II - HAZARDOUS INGREDIENTS

N/A

SECTION III - PHYSICAL DATA

Boiling point: 100°C
Vapor density: not determined
Vapor pressure: not determined
Specific gravity: not determined
% volatile by volume: 100%
Solubility in water: Soluble
Appearance and odor: clear, colorless and odorless liquid
Others: pH = N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

NOT FLAMMABLE.

SECTION V - HEALTH HAZARD DATA

Threshold limit value: N/A
Effects of overexposure: N/A
Emergency and first aid procedure: N/A

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to avoid): none known
Hazardous decomposition products: none known
Hazardous polymerization: does not occur

SECTION VII - SPILL OR LEAKS PROCEDURE

Step to be taken in case material is released or spilled: absorb on inert material.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: **not required**
Ventilation: **General room ventilation is satisfactory.**
Protective gloves: **not required**
Eye protection: **not required**
Other protective equipment: **not required**

SECTION IX - SPECIAL PRECAUTION

Precaution to be taken in handling and storing: **Keep container tightly closed, store at room temperature.
Protect containers from damage**
Other precaution: **Always read and follow directions.**

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A. DYNEROWICZ
Production Manager R & D Department

COMPONENT: CDT INITIATOR pH = 2,0
PART NUMBER: 10-004764

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: ANALIS S.A. Z.I de Rhines, Rue de Néverlée 11
B-5020 SUARLEE – BELGIUM

Phone: ++32-81-255050
Fax: ++32-81-231237

Chemical name and synonyms: Tris/Phosphate buffer/ Polycations
Chemical family: N/A

SECTION II - HAZARDOUS INGREDIENTS

PHOSPHORIC ACID: Concentrated solutions are irritating to skin, mucous membranes.

SECTION III - PHYSICAL DATA

Boiling point: **not determined**
Vapor density: **not determined**
Vapor pressure: **not determined**
Specific gravity: **not determined**
% volatile by volume: **98%**
Solubility in water: **Soluble**
Appearance and odor: **clear, colorless and odorless solution**
Others: **pH = 2,0 ± 0,3**

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

NOT FLAMMABLE.

SECTION V - HEALTH HAZARD DATA

Threshold limit value: **not available for mixture**
Effects of overexposure: **not available for mixture**
Emergency and first aid procedure: **if ingested seek medical attention**

SECTION VI - REACTIVITY DATA

Stability: **Stable**
Incompatibility (Materials to avoid): **none known**
Hazardous decomposition products: **none known**
Hazardous polymerization: **does not occur**

SECTION VII - SPILL OR LEAKS PROCEDURE

Step to be taken in case material is released or spilled: **absorb on inert material.**

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: **not required.**
Ventilation: **General room ventilation is satisfactory.**
Protective gloves: **not required.**
Eye protection: **not required.**
Other protective equipment: **not required.**

SECTION IX - SPECIAL PRECAUTION

Precaution to be taken in handling and storing: **Keep container tightly closed, store at room temperature.
Protect containers from damage**
Other precaution: **Always read and follow directions.**

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A. DYNEROWICZ
Production Manager R & D Department

COMPONENT: **CDT Fe SOLUTION**
PART NUMBER: **10-004765**

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: **ANALIS S.A. Z.I de Rhines, Rue de Néverlée 11
B-5020 SUARLEE – BELGIUM**

Phone: **++32-81-255050**
Fax: **++32-81-231237**

Chemical name and synonyms: **Aqueous Ferric Citrate solution (less than 0.1% w/v).**
Chemical family: **N/A**

SECTION II - HAZARDOUS INGREDIENTS

N/A

SECTION III - PHYSICAL DATA

Boiling point: **not determined**
Vapor density: **not determined**
Vapor pressure: **not determined**
Specific gravity: **not determined**
% volatile by volume: **99%**
Solubility in water: **Soluble**
Appearance and odor: **clear, slightly yellow to yellow and odorless solution**
Others: **pH = N/A**

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

NOT FLAMMABLE.

SECTION V - HEALTH HAZARD DATA

Threshold limit value: **not available for mixture**
Effects of overexposure: **not available for mixture**
Emergency and first aid procedure: **if ingested seek medical attention**

SECTION VI - REACTIVITY DATA

Stability: **Stable**
Incompatibility (Materials to avoid): **none known**
Hazardous decomposition products: **none known**
Hazardous polymerization: **does not occur**

SECTION VII - SPILL OR LEAKS PROCEDURE

Step to be taken in case material is released or spilled: **absorb on inert material.**

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: **not required.**
Ventilation: **General room ventilation is satisfactory.**
Protective gloves: **not required**
Eye protection: **not required**
Other protective equipment: **not required**

SECTION IX - SPECIAL PRECAUTION

Precaution to be taken in handling and storing: **Keep container tightly closed, store at room temperature.
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