

Health & Safety data sheet
According to EC Directive 91/155/EC and following amendments

Date of issue: 26 July 2004.

SECTION 1 - IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name:

- EDTA Reagent

Application:

- Determination of sulfite in water samples.

Manufacturer identification:

Hanna Instruments Italia s.r.l.
 Viale delle Industrie, 12/A
 35010 Villafranca Padovana, Italy
 tel.: +39-049-9070211

Emergency Telephone n. °: No hazardous product

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Aqueous solution.

SECTION 3 - HAZARD IDENTIFICATION

No hazardous product as specified in Directive 67/548/EEC.

SECTION 4 - FIRST AID MEASURES

- **After inhalation** : fresh air.
- **After skin contact** : wash off with plenty of water.
- **After eye contact** : rinse out with water.
- **After swallowing** : wash out mouth thoroughly with water and give plenty of water to drink. In severe cases obtain medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

- **Suitable extinguishing media**
- water spray, foam, dry powder or carbon dioxide.
- **Special risks:**
- development of hazardous combustion gases or vapours possible in the event of fire.
- the following may develop in event of fire: nitrogen oxides.
- **Special protective equipment for fire fighting:**
- do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
- **Additional information:**
- Non-combustible.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- **Personal precautions:**
- Do not inhale vapors. Avoid substance contact.

SECTION 7 - HANDLING AND STORAGE

- **Handling:**
- No further requirements.
- **Storage:**
- Tightly closed. Store at room temperature (+15 to +25 °C recommended).

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

- **Personal protective equipment:**
- as appropriate to quantity handled.
- **Protective gloves:**
- rubber or plastic
- **Respiratory protection:**
- required when vapors/aerosols are generated.
- **Eye protection:**
- goggles or face mask

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

- **appearance** : liquid
- **odor** : odorless
- **pH value at 20°C** : 5.8
- **boiling point** : NA

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- | | | | |
|------------------------------|-----------|-------------------------------|--------------------------|
| • solubility in water | : soluble | • ignition temperature | : NA |
| • melting point | : NA | • flash point | : NA |
| • explosion limits | : NA | • density at 20°C | : 1.05 g/cm ³ |

SECTION 10 - STABILITY AND REACTIVITY

- | | |
|--|---|
| • Conditions to be avoided: | • Substances to be avoided: |
| - heating. | - the generally known reaction partners of water. |
| • Hazardous decomposition products: | • Hazardous polymerization: |
| - in the event of fire: see section 5. | - will not occur. |

SECTION 11 - TOXICOLOGICAL INFORMATION

Quantitative data on the toxicity of this product are not available.

- **In case of inhalation** : slight irritations.
- **In case of skin contact** : slight irritations.
- **In case of eye contact** : slight irritations.
- **In case of ingestion of large quantities** : damage of kidneys.
- **Further data** : Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

SECTION 12 - ECOLOGICAL INFORMATION

- **Ecotoxic effect** : quantitative data on the ecological effect of this product are not available.
- **Further ecological data** : no ecological problems are to be expected when the product is handled and used with due care and attention.

SECTION 13 - DISPOSAL CONSIDERATIONS

- Can be safely disposed off as an ordinary refuse.

SECTION 14 - TRANSPORT INFORMATION

- **Land transport**

ADR/RID	: 9
UN-No.	: 3316/PGII
Name	: CHEMICAL KIT
- **Sea transport**

IMDG	: 9/UN 3316/PGII
Name	: CHEMICAL KIT
- **Air transport**

ICAO/IATA	: 9/UN 3316/PGII
Name	: CHEMICAL KIT

THESE TRANSPORT DATA APPLY TO THE ENTIRE PACK!

SECTION 15 - REGULATORY INFORMATION

Labeling according to EC Directives:

Symbol: -
R-phrases: -
S-phrases: -
Contains: -

SECTION 16 - OTHER INFORMATION

- **Supersedes edition of** : June 2002
- **Reason for revision** : general update
- **Legend** : NA Not applicable
ND Not determined

THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF THE PROPERTIES OF THE PRODUCT.