

# Safety Data Sheet

According to Directive 1907/2006 EC  
Printing date: **01.04.2014**



## 1. Identification of substance/preparation and company

*Identification of the substance or preparation*

Catalogue number: **060910, 076011, 076013, 077051, 077052, 077053, 077056, 077058**  
Product name: **end-to-end capillaries & capillary blood collection system, EDTA-coated**  
Application: **In vitro diagnostic devices**

*Company / undertaking identification*

Company: **KABE LABORTECHNIK GmbH, Jägerhofstr. 17, DE-51588 Nümbrecht-Elsenroth**  
Directory information: **Laboratory**  
Emergency number: **+49 2293 596**  
Email: [info@kabe-labortechnik.de](mailto:info@kabe-labortechnik.de)

## 2. Hazard(s) identification

*(Coating, substance)*

*GHS Classification*

Irritation of the eyes, Category 2

H319: Causes serious eye irritation

Irritation of the skin

H315: Causes skin irritation

Specific target organ toxicity  
single exposure, Category 3

H335 May cause respiratory irritation

Pictogram / signal word:



Warning

*EC Classification*

Xi;

R36/37/38

Irritant

Irritates eyes, respiratory organs and skin

## 3. Composition/information on ingredients

*(Coating, substance)*

*Details about preparation / mixture:*

Solution of EDTA dipotassium salt

Product name	CAS no.	EC no.	Annex I, Index no.
Ethylenediaminetetraacetic acid			-
Dipotassium salt Dihydrate	25102-12-9	217-8955-0	-
Molecular formula	C10H14K2N2O8^2H2O	MW:	404.45 AMU

## 4. First-aid measures

*(Coating, substance)*

*After inhalation:* Remove victim immediately to fresh air. In case of apnea it is necessary to give artificial respiration. Seek medical advice.

*After skin contact:* Wash with plenty of soap and water. Remove contaminated clothing.

*After eye contact:* After contact with the eyes rinse out with plenty of water for at least 15 min. with the eye lid wide open.

*After swallowing:* After swallowing rinse mouth with plenty of water, provided victim is conscious. Seek medical advice.

## 5. Fire-fighting measures

*(Coating, substance)*

*Suitable extinguishing media:* Water spray jets, alcohol-resistant foam; adapt to neighbourhood

*Special risks:* Inflammable; in case of fire dangerous combustion gases or vapours may develop

*Special protective equipment during fire-fighting:* Do not stay in dangerous zone without suitable self-contained breathing apparatus.

*Other indications:* Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or ground water.

## 6. Accidental release measures

*(Coating, substance)*

*Person-related precaution measures:* Wear personal protective equipment.

*Procedure for cleaning / absorption:* Avoid contact with the substance. Take up dry. Forward for disposal.

*Environmental measures:* Clean again. Avoid dust and aerosol generation. Do not empty into drains.

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## 7. Handling and storage

*(Coating, substance)*

**Handling:** Avoid aerosol generation. Avoid contact or inhalation. Avoid contact with eyes, skin and clothing.

**Storage:** Store in a cool and dry place. Keep dry.  
Consider the recommendations for storage on the label.

## 8. Exposure controls / personal protection

*(Coating, substance)*

Does not contain substances with Occupational Exposure Limit Values.

**Personal protective equipment:**

Protective clothing need to be selected work specific in their type in accordance with the concentration and amount of hazardous material.

**Respiratory protection:** Necessary when aerosols appear.**Hand protection:** The protective gloves to be used have to meet the specifications of EC-Directive 89/686/EC and the resultant standard EN 374. Work with gloves.**Eye protection:** Protective glasses.**Skin and body protection:** Choose the body protection according to the amount and concentration of the hazardous substances at the workstation.**Hygiene measures:** Wash hands after work. Change contaminated clothing.

## 9. Physical and chemical properties:

*(Coating, substance)*

**Form :** Solid  
**Colour:** White  
**Odour:** Not applicable  
**pH value:** 4 - 5 at 40.4 g/l at 25 °C  
**Melting temperature:** 255 - 288 °C  
**Boiling temperature:** No data available  
**Ignition temperature:** No data available  
**Flash point:** No data available  
**Explosion limits:** lower No data available  
upper No data available  
**Vapour pressure:** low  
**Density:** (20 °C)  
**Vapour density:** Not applicable  
**Solubility:** No data available

## 10. Stability and reactivity

*(Coating, substance)*

**Chemical stability:** Stable under the stated storing conditions  
**Conditions to be avoided:** Strong heating  
**Substances to be avoided:** Strong oxidising agents, strong acids  
**Hazardous decomposition products:** In case of fire development of hazardous decomposition products, carbon monoxide, carbon dioxide, nitrogen oxide  
**Other details:**

## 11. Toxicological information

*(Coating, substance)*

**Acute toxicity:** No data available  
**Acute inhalation toxicity:** Symptoms: irritation in the respiratory tract  
**Corrosivity/irritation on the skin:** No data available  
**Serious eye injury/eye irritation:** No data available  
**Skin or respiratory sensitisation:** No data available  
**Germ cell mutagenicity:** No data available  
**Carcinogenicity:** IARC does not identify any component of this product, equal or more than 0.1 % as expected, possible or proven as carcinogenic product for humans.  
**Reproductive toxicity:** No data available  
**Specific target organ toxicity - single exposure:** Inhalation, may irritate the respiratory tract  
**Specific target organ toxicity - repeated exposure:** No data available  
**Aspiration hazard:** No data available  
**Genotoxicity in vitro:** No data available

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Product name: **end-to-end capillaries & capillary blood collection system, EDTA-coated**

## Possible health defects:

**Inhalation:** May be harmful to health if inhaled. Causes irritation of the respiratory tract.  
**Swallowing:** May be harmful if swallowed.  
**Skin:** May be harmful in case of dermal absorption. Causes skin irritation.  
**Eyes:** Causes irritation of eyes.

## Signs and symptoms after exposition:

According to our knowledge the chemical, physical and toxicological properties have not been evaluated comprehensively.

**Other details:** Other hazardous characteristics may not be excluded.  
Please observe the usual precautions applicable to handling chemicals.

## 12. Ecological information

*(Coating, substance)*

**Toxicity:** No data available  
**Persistence and degradability:** No data available  
**Bioaccumulation potential:** No data available  
**Mobility in the soil:** No data available  
**Other harmful effects:** No data available

**Other details:** Do not allow to enter surface waters, waste water or soil.

## 13. Disposal considerations *(Product)*

**Product:** This material must be disposed of from an authorized waste management service provider. Incineration plant for chemicals (with reheater and exhaust air cleaner).  
All national and local laws have to be considered.

**Packaging:** Packages must be disposed under consideration of the country-specific regulations or must be left to take-back systems.  
Contaminated packaging must be treated like the chemical itself.

## 14. Transport information

*(Coating, substance)*

**RID/ADR**  
Non hazardous material  
**IMDG**  
Not dangerous goods  
**IATA**  
Not dangerous goods

## 15. Regulatory information

*(Coating, substance)*

	Eye Irrit.	Eye irritation
Text of the H code and R phrase(s) of section 3:	H315	Causes skin irritation
	H319	Causes serious eye irritation
	H335	May cause respiratory irritation
	Skin Irrit.	Skin irritancy
	STOT SE	Specific target organ toxicity - single exposure
Precautions:	P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
Hazard symbol(s):	Xi, irritating	
R-phrases:	R36/37/38: Irritating to eyes, respiratory system and skin	
S-phrases:	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36	Wear suitable protective clothing.
National regulations		
Water hazard class	3, severe hazard to waters, self declared	
Storage class	10-13	Other liquids or solids

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Product name: end-to-end capillaries & capillary blood collection system, EDTA-coated

## 16. Other information

(Coating, substance)

Version: 26.03.2014  
Printing date: 01.04.2014

Replaces issue of: 16.11.2010  
Reason for alteration: Adaption to new regulation.  
General review.

*The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does neither represent a guarantee of the properties of the product nor justify any legal relationship. This information is not intended to be exhaustive.*