



## KIT CLART<sup>®</sup> ENTEROBAC

**NOTE:**

GENOMICA provides safety data sheet only for the hazardous components of the KIT CLART<sup>®</sup>ENTEROBAC .

GENOMICA assumes no liability for damage to property and / or injury resulting from use and contact with this product.

Prepared according to 1907/2006/EC,  
Rev.5:30.06.2016

**1. Identification of the substance/preparation and the company/undertaking**

**1.1. Product identifiers**

**Product name:** CLART® ENTEROBAC

**1.2 Relevant identified uses of the mixture and uses advised against**

Detection and molecular identification of enteric bacteria causing diarrhea for *in vitro* diagnostics.

**1.3 Details of the supplier**

**Company:**

GENOMICA S.A.U.

Parque Empresarial Alvento. Edificio B

Calle Vía de los Poblados, 1 - 1ª planta

28033 Madrid

Phone: 34-91 674 89 90 Fax: 34-91 67489 91

E-mail address : srueda@genomica.com

**1.4 Emergency telephone number: 112 (EU)**

**2.classification and Hazards identification**

**2.1 Classification of the mixture**

Classification according to the [Regulation \(EC\) No 1272/2008](#) ; is a mixer of substances

**2.2 . Hazards identification**

- **Skin corrosion/irritation**
- **Serious eye damage/eye irritation**
- **Acute Toxicity**
- **Carcinogens**
- **Harmful to aquatic life**
- **Respiratory Irritation**
- **Skin / respiratory Sensibilization**
- **Specific target organ toxicity - single exposure**

**Principle routes of exposure:** Ingestion, skin and eye contact and inhalation.

**Ingestion:** May cause gastrointestinal irritation.

**Skin contact:** There is no health hazard if skin contact is to occur.

**Eye contact:** May cause eye mucose irritation.



**Inhalation:** May cause irritation of respiratory tract.

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**3. Composition/ information on ingredients**




Dangerous components According to EU Directives 67/548/EEC or 1999/45/EC and Regulation No 1272/2008 . **Regulation No 1272/2008 shall apply if the intended use is different from in vitro diagnostic medical device under the Directive Directive 98/79/EC.**

SH (Hybridisation solution) Hazarous components	Classification	Pictogram, Signal Word Code(s)	Hazard statement Code(s)
<b>Etilendiamina-tetraacetato de tetrasodio dihidrato</b> CAS. No : 10378-23-1 EC-No 10378-23-1 200-573-9	According to 67/548/EWG , 1999/45/EG this substance is classified as : - <b>Xn: Harmful</b> - <b>Xi: Irritant</b>  According to Regulation No 1272/2008. this substance is classified as: - <b>Acute Toxicity (category 4)</b> - <b>Eye Damage (Category 1)</b>	Danger! 	R22, R41   H302, H318
<b>Triton X-100 solution</b> p-tertiary-Octylphenoxy polyethyl alcohol CAS-No. : 9002-93-1	According to 67/548/EWG , 1999/45/EG this substance is classified as : - <b>Xi: Irritant</b>  According to Regulation No 1272/2008. this substance is classified as: - <b>Serious eye damage ( category 1)</b> - <b>Chronic aquatic toxicity ( category 3)</b>	Danger! 	R41,R52/53   H412, H318

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RE (Developer):	Classification	Pictogram, Signal Word Code(s)	Hazard statement Code(s)
<b>3,3'-dimethoxybenzidine o-dianisidine</b> CAS-No. : 119-90-4 EC-No. : 204-355-4 ,	According to EU Directives 67/548/EEC or 1999/45/EC this substance is classified as : - <b>Xn: Harmful</b>  According to Regulation No 1272/2008. this substance is classified as: - <b>Acute Toxicity (category 4)</b> - <b>Carcinogens( category 1B)</b>	Danger! 	R22, R45,  H302, H350
<b>Citric acid monohydrate</b> CAS-No. : 5949-29-1 EC-No. : 201-069-1	According to EU Directives 67/548/EEC or 1999/45/EC this substance is classified as : - <b>Xi: Irritant</b>  According to Regulation No 1272/2008. this substance is classified as: - <b>Eye Irritant (Category 2)</b>	Warning! 	R36  H319
<b>5-Chloro-2-methyl-4-isothiazolin- 3-one</b> CAS-No.: 26172-55-4 EC-No. : 247-500-7	According to 67/548/EWG , 1999/45/EG This substance is classified as : - <b>Xn: Harmful</b> - <b>C: Corrosive</b>  According to Regulation No 1272/2008. This substance is classified as: - <b>Skin corrosion (Category 1B)</b> - <b>Respiratory sensitisation (Category 1)</b> - <b>Skin sensitisation (Category 1)</b>	Danger! 	R42/R43, R34  H314,H317,H334



#### 4. First Aid Measures

**General advice.** Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

#### 5. FIRE-fighting measures

**5.1 Extinguishing media**

Suitable extinguishing media.

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

The product itself is not inflammable; extinguishing measures should therefore be prepared for an environmental fire. In case of fire toxic vapours, e.g. Carbon oxides, nitric oxide, carbon monoxide, can be released.

**5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**5.4 Further information**

No data available

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### 6. Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

#### 6.3 Methods for cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

### 7. Handling and Storage

#### 7.1 Precautions for safe handling

Use personal protective equipment. Protect from contaminations by using a laminar flow cabin.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store reagents at the temperatures indicated in the handbook and in the reagent's label.

### 8. Exposure controls/Personal protection

#### 8.1. Control parameters

Components with workplace control parameters

By using the product according with the requirements, no air pollution is expected

#### 8.2 Personal protective equipment

**Hand protection:** Wear protective gloves to prevent skin contact.

**Body protection:** Wear lab coat.

**Protección de los ojos:** None.

**Higiene measures:** Keep away from food and drink. Wash hands before breaks and at the end of the workday.

#### 8.3 Environmental exposure controls

Keep away from drains. Avoid contamination of water or soil.

### 9. Physical and chemical properties

No data available.

### 10. Stability and Reactivity



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**10.1 Reactivity**

No data available

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

No data available

**10.6 Hazardous decomposition products**

Other decomposition products - no data available

**11. Toxicological information**

**11.1 Acute toxicity**

The mixture is not classified to be hazardous (see chapter 15.1).

*Acute toxicity of the developer*

The mixture is not classified to be hazardous (see chapter 15.1).

*Acute toxicity of the hybridisation solution*

*Etilendiamina-tetraacetato de tetrasodio dihidrato; LD50 Oral - rat – 630-1260mg/kg*

**11.2 Skin Corrosion/Irritation**

No information available

**11.3 Serious Eye Damage/Irritation**

No information available

**11.4 Respiratory Or Skin Sensitization**

No information available

**11.5 Germ Cell Mutagenicity**

No information available

**11.6 Carcinogenicity**

IARC: no components of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen By IARC

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**11.7 Reproductive Toxicity**

No information available

**11.8 STOT-Single Exposure**

Specific target organ toxicant

**11.9 Aspiration Hazard**

No information available

## 12. Ecological information

**12.1 Acute aquatic toxicity**

The mixture is not classified to be toxic to water organisms.

*Acute aquatic toxicity of the developer*

The mixture is not classified to be toxic to water organisms, calculated L(E)C  
> 100 mg/l (see chapter 15.1).

**12.2 Persistence And Degradability**

No data available.

**12.3 Bioaccumulative Potential**

No data available.

**12.4 Mobility In Soil**

No data available.

**12.5 Results Of Pbt And Vpvt Assessment**

None of the components is listed as PBT or vPvB relevant.

**12.6 Other Adverse Effects**

No further effects known.

If used appropriately, no ecological problems are to be expected.

## 13. Disposal considerations

Waste disposal must be in accordance with appropriate state and local regulations.

Waste (with exception of the biological residues) can normally be disposed with normal waste.

## 14. Transport information

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Shipmet is not subject to any norm, as the product is not considered hazardous.

### 14.1 Un Number

ADR/RID: -      IMDG: -      IATA: -

### 14.2 Un Proper Shipping Name

ADR/RID: No dangerous goods IMDG: No dangerous goods IATA: No dangerous goods

### 14.3 Transport Hazard Class(Es).

ADR/RID: -      IMDG: -      IATA: -

### 14.4 Packing Group:

ADR/RID:-      IMDG: - IATA: -

**14.5 Environmental Hazards:** No Data Available.

**14.6 Special Precautions For User:** No Data Available.

## 15. Regulatory information

### THE MATERIAL SAFETY DATA SHEET (MSDS) IS PREPARED ACCORDING TO

[Regulation \(EC\) No 1907/2006](#) of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

## 16. Other information

The information contained herein is considered accurate and is based on our current knowledge, accordingly, it should only be given an orientative use.

### 16.1 Fully text to the R-Phrases mentioned

R22 Harmful if swallowed.

R23 Toxic by inhalation.

R34 Causes burns.

R36 Irritating to eyes.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R45 May cause cancer

R50 Very toxic to aquatic organisms.

R42/43 May cause sensitization by inhalation and skin contact

R52/53 Harmful to aquatic organisms , may cause long term adverse affects in the aquatic environment

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### 16.2 Fully text to the H-Sentences mentioned:

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 - Causes serious eye irritation  
H302 Harmful if swallowed.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H350 May cause cancer.  
H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects

### 16.3 Categories of the Acute Toxicity (ATE) according EC 1272/2008:

Further information: The information stated above is based on our actual knowledge and is intended to describe our products concerning safety recommendations. The information does not assure product properties and is therefore no basis for legal action. The REACH registration numbers in heading 3 is available only after a registration by the REACH Agency. Or it is not available as the substances or its use is exempted from registration according to article 2 REACH Regulation EC 1907/2006, or the annual tonnage does not require a registration is envisaged for a later registration deadline.