

# Safety Information Sheet

Issue date: 01/04/2020  
Last revision date: 02/10/2023  
Version: 02

## SECTION 1. Identification of the substance/mixture and the company/undertaking

### 1.1 Product identifier

**Commercial name:** Chromosome Kit P

**Product code:** EKAMTP

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

For in vitro laboratory use only. For professional use only.

### 1.3 Details of the supplier of the safety data sheet

**Company name:** Euroclone S.p.A.

**Address:** Via Figino 20/22

**Place and Country:** 20016 Pero (MI) – Italia

Tel. +39 02 38.19.51

Fax +39 02 33.91.37.13

**E-mail address of the SDS responsible:**

[quality@euroclone.it](mailto:quality@euroclone.it)

### 1.4 Emergency telephone number:

Euroclone: 800 35911

For urgent information please contact: 06 68593726 (CAV Roma "Bambino Gesù")

06 49978000 (CAV Roma "Umberto I")

06 3054343 (CAV Roma "Gemelli")

055 7947819 (CAV Firenze "Careggi")

0382 24444 (CAV Pavia)

02 66101029 (CAV Milano "Niguarda")

0881 732326 (CAV Foggia)

800 883300 (CAV Bergamo)

081.545.3333 (CAV Napoli "Cardarelli")

800.011.858 (CAV Verona)

## SECTION 2. Hazard identification

### 2.1 Classification of the substance or mixture

**Classification according to EC Regulation 1272/2008 (CLP):**

This product is not classified as hazardous in accordance with EC Regulation 1272/2008 (CLP).

### 2.2 Label elements

**Labelling according to EC Regulation 1272/2008 (CLP):**

This product is not classified as hazardous in accordance with EC Regulation 1272/2008 (CLP).

**Hazard pictograms:** Not applicable

**Warning:** Not applicable

**Hazard statements:**

Not applicable

**Precautionary statements:**

Not applicable

**Supplementary information:**

Not applicable

**Substances that contribute to the classification:** Not applicable

### 2.3 Other hazards

Based on available data, the product does not contain PBT or vPvB substances in a percentage  $\geq 0,1\%$ .

The product does not contain substances with endocrine-disrupting properties in concentration  $\geq 0.1\%$ .

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<b>SECTION 3. Composition/information on ingredients</b>		
<p><b>3.1 Substance:</b> Not applicable</p> <p><b>3.2 Mixture:</b> <b>Chemical description:</b> Mixture. The product is not classified as hazardous in accordance with EC Regulation 1272/2008 (CLP).</p>		
<b>Identification:</b>	<b>Chemical name/Classification 1272/2008 (CLP)</b>	<b>Concentration</b>
<p><b>CAS number:</b> Not applicable <b>EC number:</b> Not applicable <b>Registration n.:</b> Not applicable</p>	Not applicable	Not applicable

<b>SECTION 4. First aid measure</b>
<p><b>4.1 Description of first aid measures</b> The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.</p> <p>EYE CONTACT: Rinse with water until the product has been eliminated. In case of problems, seek medical advice with this SDS. SKIN CONTACT: In case of contact it is recommended to clean the affected are thoroughly with water and neutral soap. In case of modifications of the skin (stinging, redness, rashes, blisters, etc..) seek medical advice with this SDS. INHALATION: This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and at rest. Request medical attention if symptoms persist. INGESTION: In case of consumption, seek immediate medical assistance showing the SDS of this product.</p> <p><b>4.2 Most important symptoms and effects, both acute and delayed</b> No data available.</p> <p><b>4.3 Indication of any immediate medical attention and special treatment needed</b> No data available.</p>

<b>SECTION 5. Firefighting measures</b>
<p><b>5.1 Extinguishing media</b> <b>Suitable extinguishing media:</b> Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. <b>Unsuitable extinguishing media:</b> No data available.</p> <p><b>5.2 Special hazard arising from the substance or mixture:</b> Due to its not-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.</p> <p><b>5.3 Advice for firefighters</b> Minimum emergency facilities and equipment should be available (fire blanket, portable first aid kit,...) in accordance with Directive 89/654/CEE.</p>

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**SECTION 6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**  
In the case of airborne vapours or dust, take respiratory protection. These indications are valid both for workers and for emergency interventions.

**6.2 Environmental precautions**  
This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

**6.3 Methods and material for containment and cleaning up**  
It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult Section 13.

**6.4 Reference to other section**  
See Sections 8 and 13.

**SECTION 7. Handling and storage**

**7.1 Precaution for safe handling**  
Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

**7.2 Conditions for safe storage, including any incompatibilities**  
Distributors and end users store the product at -18°/-22°C. Avoid sources of heat, radiation, static electricity and contact with food. Keep containers away from incompatible materials by checking Section 10.

**7.3 Specific end use(s)**  
No data available.

**SEZIONE 8. Exposure controls/personal protection**

**8.1 Control parameters**  
No data available.

**DNEL (Workers):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Chemical name: N/A CAS: N/A CE: N/A	Oral	N/A	N/A	N/A	N/A
	Skin	N/A	N/A	N/A	N/A
	Inhalation	N/A	N/A	N/A	N/A

**DNEL (General population):**

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Chemical name: N/A CAS: N/A CE: N/A	Oral	N/A	N/A	N/A	N/A
	Skin	N/A	N/A	N/A	N/A
	Inhalation	N/A	N/A	N/A	N/A

**PNEC (Environment):**

Identification				
Chemical name: N/A CAS: N/A CE: N/A	STP	N/A	Freshwater	N/A
	Soil	N/A	Marine water	N/A
	Intermittent	N/A	Sediment (freshwater)	N/A
	Oral	N/A	Sediment (marine water)	N/A

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### 8.2 Exposure controls

As a preventive measure it is recommended to use basic personal protective equipment, with the responding CE mark in accordance with local legislation.

#### Hands protection:

Not necessary.

#### Skin protection:

Not necessary.

#### Eyes and face protection:

Not necessary.

#### Body protection:

Not necessary.

#### Respiratory protection:

If the threshold value (e.g., TLV-TWA) of the substance or one or more of the substances present in the product is exceeded, it is recommended to wear a Type A filter mask whose class (1, 2 or 3) should be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If there are gases or vapours of a different nature and/or gases or vapours with particles (aerosols, fumes, mists, etc.) combined filters shall be provided.

The use of means of respiratory protection is necessary if the technical measures taken are not sufficient to limit the worker's exposure to the threshold values taken into account. The protection offered by masks is however limited. In case the substance considered is odourless or its olfactory threshold is higher than the relevant TLV-TWA and in case of emergency, wear an open circuit compressed air breathing apparatus (ref. EN 137) or an external air intake respirator (ref. EN 138). For the correct choice of respiratory protection device, refer to EN 529.

#### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.

## SECTION 9. Chemical and physical properties

### 9.1 Information on basic physical and chemical properties

**Physical state:** Liquid

**Colour:** Light Yellow-Brown

**Odor:** Not applicable

**Melting point/freezing point:** Not applicable

**Boiling point:** Not applicable

**Flammability:** Not applicable

**Flash point:** Non-flammable (>60°C)

**Lower flammability limit:** Not applicable

**Upper flammability limit:** Not applicable

**Autoignition temperature:** Not applicable

**Decomposition temperature:** Not applicable

**pH:** Not applicable

**Kinematic viscosity:** Not applicable

**Solubility:** Soluble

**Partition coefficient n-octanol/water:** Not applicable

**Vapour pressure:** Not applicable

**Density and/or relative density:** Not applicable

**Vapour density:** Non applicable

**Particles characteristics:** Non applicable

### 9.2 Other information

**9.2.1 Information with regard to physical hazard classes:** No data available.

**9.2.2 Other safety characteristics:** No data available.

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**SECTION 10. Stability and reactivity**

**10.1 Reactivity**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See Section 7.

**10.2 Chemical stability**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions**

Under specific conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid**

No data available.

**10.5 Incompatible materials**

No data available.

**10.6 Hazardous decomposition products**

Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11. Toxicological information**

**11.1 information on hazard classes as defined in Regulation (EC) No 1272/2008**

**ACUTE TOXICITY:**

**LD/LC50 values that are relevant for classification:**

Components	Type	Value	Species
Not applicable	Not applicable	Not applicable	Not applicable

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

**Sensitizing respiratory or cutaneous:** In case of prolonged skin contact, allergic skin episodes may result.

**Mutagenicity on germinal cells:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Toxicity to reproduction:** Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) single exposure:** Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**

Based on available data, the product does not contain substances listed on the main European lists of potential or suspected endocrine disruptors with evaluated human health effects.

**SECTION 12. Ecological information**

Use according to good working practices, avoiding to disperse the product in the environment. Notify the competent authorities if the product has reached water courses and has contaminated the soil or vegetation.

**12.1 Toxicity**

No data available.

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

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### 12.4 Mobility in soil

No data available.

### 12.5 Result of PBT/vPvB assessment

Based on available data, the product does not contain PBT/vPvB substances in a percentage  $\geq 0,1\%$ .

### 12.6 Endocrine disrupting properties

Based on available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with evaluated human health effects.

### 12.7 Other adverse effects

No data available.

## SECTION 13. Disposal considerations

### 13.1 Waste treatment methods

Dispose in accordance with regional, state and local administrative provisions. Do not dispose of the product with household waste. Do not empty into drains.

CER code: 16 05 09

#### Uncleaned packaging:

Uncleaned packaging must be sent for recovery or disposal in accordance with national waste management rules.

## SECTION 14. Transport information

The product is not to be considered dangerous within the meaning of the current provisions on the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG Code) and air (IATA).

**14.1 UN number or ID number:** Non applicable.

**14.2 UN proper shipping name:** Non applicable.

**14.3 Transport hazards class(es):** Non applicable.

**14.4 Packing group:** Non applicable.

**14.5 Environmental hazards:** No

**14.6 Special precautions for users:** Non applicable.

**14.7 Maritime transport in bulk according to IMO instruments:** Non applicable.

## SECTION 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture

**Seveso III:** Non applicable

**Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH):** Non applicable

**Substances included in Annex XIV of REACH ("Authorisation List") and sunset date:** Non applicable

**Regulation (EU) No 649/2012 in relation to the import and export of hazardous chemical products:** Non applicable

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out for substances listed in Section 3

## SECTION 16. Other information

The data are shown based on our current knowledge, but do not represent any guarantee of the characteristics of the product and do not justify any contractual legal relationship.

Euroclone S.p.A. will not be liable for damages resulting from use or from contact with the product in question.