

Safety Data Sheet

Ceveron TGA RC High Kit



SDS No. B500.01
p 1/7 EN R01

Temp.: TF0604.01
Att: 05 to D00068

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name/Reference No.	Ceveron TGA RC High Kit	180 T.	REF 5006015
Product Components	Component 1	Ceveron TGA buffer	3 x 1.5 mL
	Component 2	Ceveron TGA Substrate	3 x 3 mL
	Component 3	Ceveron TGA RC High	3 x 1 mL
	Component 4	Ceveron TGA CON High	3 x 1 mL
	Component 5	Ceveron TGA CON Low	3 x 1 mL
	Component 6	CaCl ₂ , 25 mM	1 25 mL

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

Identified Use(s)	For professional users only
Uses Advised Against	Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification	Technoclone Herstellung von Diagnostika und Arzneimitteln GmbH
Address of Manufacturer	Brunner Strasse 67 1230 Vienna Austria
Postal code	1230
Telephone:	+43 1 86373-0
Fax	+43 1 86373-44
E-mail	products@technoclone.com
Office hours	8:00 – 16:00

1.4 Emergency telephone number

Emergency Phone No.	+43 1 86373-0
Contact	products@technoclone.com
National response center	
Address	NHS Direct
Emergency Phone No.	+44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

	Regulation (EC) No. 1272/2008 (CLP)
Component 1 Ceveron TGA buffer	Not classified as dangerous for supply/use
Component 2 Ceveron TGA Substrate	Not classified as dangerous for supply/use
Component 3 Ceveron TGA RC High	Not classified as dangerous for supply/use
Component 4 Ceveron TGA CON High	Not classified as dangerous for supply/use
Component 5 Ceveron TGA CON Low	Not classified as dangerous for supply/use
Component 6 CaCl ₂ , 25 mM	Not classified as dangerous for supply/use

2.2 Label elements

Product Name	According to Regulation (EC) No. 1272/2008 (CLP) Ceveron TGA RC High Kit
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	Component 6, EUH208: Contains: (3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with CaCl ₂ , 25 mM 2-methyl-3(2H)-isothiazolone) May produce an allergic reaction.

2.3 Other hazards

None known.

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2.4 Additional Information

Component 1	Ceveron TGA buffer	The usual precautions for handling chemicals should be observed.
Component 2	Ceveron TGA Substrate	The usual precautions for handling chemicals should be observed.
Component 3	Ceveron TGA RC High	The usual precautions for handling chemicals should be observed.
Component 4	Ceveron TGA CON High	Contains human derived material - potentially biohazardous
Component 5	Ceveron TGA CON Low	Contains human derived material - potentially biohazardous
Component 6	CaCl ₂ , 25 mM	The usual precautions for handling chemicals should be observed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Component	HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)	
Component 6	CaCl ₂ , 25 mM	3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	611-341-5	< 0.0015	Acute Tox. 3 H301 Acute Tox. 2 H310 Skin Corr. 1C H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	

HAZARDOUS INGREDIENT(S)	CAS No.	Specific concentration limit	M-factor	ATE	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	Skin Corr. 1C	C>= 0.60 <= 100.00	Aquatic Acute 1: 100	Acute Tox. 3 (H301) : 0.000
		Skin Irrit. 2	C>= 0.06 < 0.60	Aquatic Chronic 1: 100	Acute Tox. 2 (H310) : 0.000
		Skin Sens. 1A	C>= 0.002 <= 100.00		Acute Tox. 2 (H330) : 0.000

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.
For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

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5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

5.3 Advice for firefighters

As appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Not known.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	+2°C to +8°C
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s)

In vitro diagnostic use

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment

Eye Protection	Wear eye protection with side protection (EN166).
Skin protection	Gloves recommended
Respiratory protection	Normally no personal respiratory protection is necessary.
Thermal hazards	None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state

Component 1	Ceveron TGA buffer	Solid (lyoph.)
Component 2	Ceveron TGA Substrate	Solid (lyoph.)
Component 3	Ceveron TGA RC High	Solid (lyoph.)

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Component 4	Ceveron TGA CON High	Solid (lyoph.)
Component 5	Ceveron TGA CON Low	Solid (lyoph.)
Component 6	CaCl ₂ , 25 mM	Liquid
Colour		
Component 1	Ceveron TGA buffer	white
Component 2	Ceveron TGA Substrate	without colour
Component 3	Ceveron TGA RC High	white
Component 4	Ceveron TGA CON High	white-yellowish
Component 5	Ceveron TGA CON Low	white-yellowish
Component 6	CaCl ₂ , 25 mM	without colour
Odour – all components		odourless
Melting point/freezing point		Not known.
Boiling point or initial boiling point and boiling range		Not applicable.
Flammability		Not known.
Lower and upper explosion limit		Not known.
Flash Point		Not applicable.
Auto-ignition temperature		Not known.
Decomposition Temperature		Not known.
pH		Not known.
Kinematic Viscosity		Not known.
Solubility		Solubility (Water) : readily miscible. Solubility (Other) : Not known
Partition coefficient n-octanol/water (log value)		Not known.
Vapour pressure		Not known.
Density and/or relative density		Not known.
Relative vapour density		Not known.
Particle characteristics		Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity - Ingestion	Low acute toxicity
Acute toxicity - Skin Contact	Low acute toxicity
Acute toxicity - Inhalation	Low acute toxicity
Skin corrosion/irritation	Non-irritant
Serious eye damage/irritation	Non-irritant
Skin sensitization data	Not classified
Respiratory sensitization data	Not classified
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	Not classified
Lactation	Not classified
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	Not classified

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

No special precautions are required for this product.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number

Not applicable

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14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions on Use

Candidate List of Substances of Very Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of Not listed

substances subject to authorisation

REACH: Annex XVII Restrictions on Calcium chloride (CaCl₂), dihydrate (10035-04-8),
the manufacture, placing on the 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-
market and use of certain dangerous isothiazolone (55965-84-9)

substances, mixtures and articles

Community Rolling Action Plan Not listed

(CoRAP)

Regulation (EC) N° 2019/1021 of Not listed

the European Parliament and of the

Council on persistent organic

pollutants

Regulation (EC) N° 1005/2009 on Not listed

substances that deplete the ozone

layer

Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the

Council concerning the export and

import of hazardous chemicals

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Major additions, deletions or changes to previous version are indicated by lines in the margin.

LEGEND

Hazard Pictogram(s)

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

GHS07: GHS: Exclamation mark

GHS09: GHS: Environment

Hazard classification (s)

Acute Tox. 3 : Acute toxicity, Category 3

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Hazard Statement(s)	<p>Acute Tox. 2 : Acute toxicity, Category 2 Skin Corr. 1C : Skin corrosion/irritation, Category 1C Skin Sens. 1A : Skin sensitization, Category 1A Eye Dam. 1 : Serious eye damage/irritation, Category 1 Eye Irrit. 2 : Serious eye damage/irritation, Category 2 Acute Tox. 2 : Acute toxicity, Category 2 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1 H301: Toxic if swallowed. H310: Fatal in contact with skin. 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. H330: Fatal if inhaled. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.</p>
Precautionary Statement(s)	<p>None</p>
Acronyms	<p>ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative</p>
Key literature references and sources for data used to compile the SDS	<p>Regulation (EC) No. 1272/2008 (CLP)</p>
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