

Safety Data Sheet

Technothrombin TGA Kit



SDS No. OT00.01
p 1/6 EN R01

Temp.: TF0604.01
Alt. 05 to D0006

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.	Technothrombin TGA Kit	3 x 16 T.	REF 5006010
Product Components	Component 1 TGA CAL Buffer	1 x 3 mL	
	Component 2 TGA Substrate	3 x 1 mL	
	Component 3 TGA RC Low	1 x 0.5 mL	
	Component 4 TGA RC High	1 x 0.5 mL	
	Component 5 TGA RD	1 x 1.5 mL	
	Component 6 TGA CAL	1 x 0.5 mL	
	Component 7 TGA Control High	1 x 1 mL	
	Component 8 TGA Control Low	1 x 1 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	TGA CAL Buffer	Not classified as dangerous for supply/use
Component 2	TGA Substrate	Not classified as dangerous for supply/use
Component 3	TGA RC Low	Not classified as dangerous for supply/use
Component 4	TGA RC High	Not classified as dangerous for supply/use
Component 5	TGA RD	Not classified as dangerous for supply/use
Component 6	TGA CAL	Not classified as dangerous for supply/use
Component 7	TGA Control High	Not classified as dangerous for supply/use
Component 8	TGA Control Low	Not classified as dangerous for supply/use

2.2 Label elements

Product Name	According to Regulation (EC) No. 1272/2008 (CLP) Technothrombin TGA Kit
Hazard Pictogram(s)	None.

2.3 Other hazards

None known.

Safety Data Sheet



Technothrombin TGA Kit

SDS No. OT00.01

p 2/6 EN R01

Temp.: TR0604.01
Alt. 05 to D00066

2.4 Additional Information

Component 1	TGA CAL Buffer	The usual precautions for handling chemicals should be observed. Contains animal derived material – potentially biohazardous
Component 2	TGA Substrate	The usual precautions for handling chemicals should be observed.
Component 3	TGA RC Low	The usual precautions for handling chemicals should be observed.
Component 4	TGA RC High	The usual precautions for handling chemicals should be observed.
Component 5	TGA RD	The usual precautions for handling chemicals should be observed.
Component 6	TGA CAL	Contains animal derived material – potentially biohazardous
Component 7	TGA Control High	Contains human derived material - potentially biohazardous
Component 8	TGA Control Low	Contains human derived material - potentially biohazardous

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Product does not contain any hazardous ingredients.

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.

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.

Safety Data Sheet

Technothrombin TGA Kit



SDS No. OT00.01
p 3/6 EN R01

Temp.: TF0604.01
Alt. 05 to D0006

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)

For research use only

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 - all components Solid (lyoph.)
Colour
Component 1 TGA CAL Buffer white
Component 2 TGA substrate without colour
Component 3 TGA RC Low white
Component 4 TGA RC High white
Component 5 TGA RD white
Component 6 TGA CAL white
Component 7 TGA Control High white-yellowish
Component 8 TGA Control Low white-yellowish
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.

Safety Data Sheet

Technothrombin TGA Kit



SDS No. OT00.01
p 4/6 EN R01

Temp.: TF0604.01
Alt. 05 to D00066

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.

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.

Safety Data Sheet

Technothrombin TGA Kit



SDS No. OT00.01
p 5/6 EN R01

Temp.: TF0604.01
Alt. 05 to D00066

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

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 Not listed
the manufacture, placing on the
market and use of certain dangerous
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

Safety Data Sheet



Technothrombin TGA Kit

SDS No. OT00.01
p 6/6 EN R01

Temp.: TF0604.01
Alt. 05 to D00066

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

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) None
Hazard classification (s) None

Acronyms
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

Key literature references and sources for data used to compile the SDS
Regulation (EC) No. 1272/2008 (CLP)

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