

RE52001	anti Sperm Ab ELISA
RE52029	Spermatozoa-Ab ELISA
RE52071	17-OH-Progesterone ELISA
RE52151	Testosterone ELISA
RE52181	DHEA-S ELISA
RE52611	Cortisol ELISA
RE52631	Testosterone Saliva ELISA
RE54031	Melatonin-Sulfate Urine ELISA
RE54041	Melatonin direct Saliva ELISA
RE57201	Borrelia + VlsE IgG ELISA
RE57211	Borrelia 14 kDa + OspC IgM ELISA
RE59321	Neopterin ELISA
RE59325	Neopterin ELISA
RE59355	Neopterin ELISA
RE59355D	Neopterin ELISA

**Contains: TMB Stop Solution**

KEZZ921 TMB Stop Solution

KENO781 TMB Stop Solution (RE59321 Neopterin ELISA)

KENB795 TMB Stop Solution (RE59325 Neopterin ELISA)

KENB795B TMB Stop Solution (RE59355 Neopterin ELISA)

**Not listed single components contains no hazardous substances in concentrations to be declared, a labelling is not required.**



**I B L I N T E R N A T I O N A L G M B H**

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

· **Product identifier**

· **Trade name:** TMB Stop Solution

· **Article number:** \*\*\*

· **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

· **Application of the substance / the preparation:**  
laboratory reagent / Immunoassay  
The product is intended for professional use.

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**  
IBL International GmbH  
Flughafenstr. 52 a  
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· **Further information obtainable from:** Safety Representative

· **Emergency telephone number:** ++49-40-53 28 91 - 0

## 2 Hazards identification

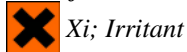
· **Classification of the substance or mixture**



H315 Causes skin irritation.

H319 Causes serious eye irritation.

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



R36/38: Irritating to eyes and skin.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **Label elements**

· **GHS label elements**

The product is classified and labelled according to the Globally Harmonized System (GHS).

· **Hazard pictograms** GHS07

· **Signal word** Warning

· **Hazard statements**

Causes skin irritation.

Causes serious eye irritation.

· **Precautionary statements**

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

Take off contaminated clothing and wash before reuse.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

(Contd. on page 2)

**Trade name: TMB Stop Solution**

· **vPvB:** Not applicable.

(Contd. of page 1)

**3 Composition/information on ingredients**

- **Chemical characterization:** Mixtures Preparation
- **Description:**  
Stop Solution contains sulphuric acid.  
Mixture consisting of the following components.

· **Dangerous components:**

7664-93-9	sulphuric acid	 C R35	5-10%
		 H314	

- **Additional information** For the wording of the listed risk phrases refer to section 16.

**4 First aid measures**

- **Description of first aid measures**
- **After inhalation** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing** If symptoms persist consult doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**5 Firefighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents**  
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

DE

(Contd. on page 3)

**Safety data sheet**  
according to Regulation (EC). No. 1907/2006

Printing date 26.08.2013

Version number 18

Revision: 26.08.2013

**Trade name: TMB Stop Solution**

(Contd. of page 2)

**7 Handling and storage**

- **Handling**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Respiratory protection:**  
Not necessary if room is well-ventilated.  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves.

- **Material of gloves**  
The quality of the protective gloves must be chosen as a function of the specific working place concentration and quantity of hazardous substances.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Eye protection:**



Tightly sealed goggles.

- **Body protection:** lab coat

DE

(Contd. on page 4)

**Safety data sheet**  
according to Regulation (EC). No. 1907/2006

Printing date 26.08.2013

Version number 18

Revision: 26.08.2013

Trade name: TMB Stop Solution

(Contd. of page 3)

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	liquid
· <b>Colour:</b>	colorless
· <b>Odour:</b>	Odourless
· <b>Odour threshold:</b>	Not determined.

· **pH-value at 20 °C:** 1

· **Change in condition**

· <b>Melting point/Melting range:</b>	undetermined
· <b>Boiling point/Boiling range:</b>	undetermined

· **Flash point:** Not applicable

· **Flammability (solid, gaseous)** Not applicable.

· **Ignition temperature:**

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· **Vapour pressure:** Not determined.

· <b>Density at 20 °C:</b>	1,08 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.

· **Solubility in / Miscibility with**

· **Water:** Fully miscible

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· <b>dynamic:</b>	Not determined.
· <b>kinematic:</b>	Not determined.

· **Other information** No further relevant information available.

## 10 Stability and reactivity

· **Reactivity**

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known

DE

(Contd. on page 5)

**Safety data sheet**  
according to Regulation (EC). No. 1907/2006

Printing date 26.08.2013

Version number 18

Revision: 26.08.2013

**Trade name: TMB Stop Solution**

(Contd. of page 4)

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
Irritant

**12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

**13 Disposal considerations**

- **Waste treatment methods**
- **Recommendation**  
small remains: dispose with plenty of water  
bigger amounts should be collected and afterwards neutralized or disposed like other dangerous goods

· <b>European waste catalogue</b>	
06 00 00	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 01 00	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01*	sulphuric acid and sulphurous acid

- **Uncleaned packaging:**
- **Recommendation:**  
Completely emptied packages can be recycled.  
Dispose of packaging according to applicable local, state, and federal regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

DE

(Contd. on page 6)

**Safety data sheet**  
according to Regulation (EC). No. 1907/2006

Printing date 26.08.2013

Version number 18

Revision: 26.08.2013

**Trade name: TMB Stop Solution**

(Contd. of page 5)

**14 Transport information**

· <b>UN-Number</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b> · <b>ADR, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications. This product is part of a kit. Information in this section refers to the kit as a whole.
· <b>ADR</b> · <b>Remarks:</b>	No dangerous good in sense of this transport regulation.
· <b>ADN</b> · <b>Remarks:</b>	No dangerous good in sense of this transport regulation.
· <b>IMDG</b> · <b>Remarks:</b>	No dangerous good in sense of this transport regulation.
· <b>IATA</b> · <b>Remarks:</b>	No dangerous good in sense of this transport regulation.
· <b>UN "Model Regulation":</b>	-

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **GHS label elements**  
The product is classified and labelled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** GHS07
- **Signal word** Warning
- **Hazard statements**  
Causes skin irritation.  
Causes serious eye irritation.
- **Precautionary statements**  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Specific treatment (see on this label).  
Take off contaminated clothing and wash before reuse.  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.

(Contd. on page 7)



**Safety data sheet**  
**according to Regulation (EC). No. 1907/2006**

Printing date 26.08.2013

Version number 18

Revision: 26.08.2013

**Trade name: TMB Stop Solution**

(Contd. of page 6)

- **National regulations**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

\* **16 Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

H314 Causes severe skin burns and eye damage.

R35 Causes severe burns.

· **Department issuing MSDS:** Safety Representative

· **Contact:** IBL International

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

· **\* Data compared to the previous version altered.**