

TA100

Material Safety Data Sheet according to 1907/2006/EC Article 31 (REACH)

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERTAKING	
Product name:	TA100
Product code:	PSS-0111
Synonyms:	No data available
Recommended uses:	Not for use in humans, not for diagnostic purposes. Research use only.
Supplier:	Xenometrix AG, Gewerbestrasse 25, CH-4123 Allschwil, Switzerland
Emergency contact numbers:	+41 61 482 14 34
Country of origin:	Switzerland
HS Code:	3822.1900
2. HAZARDS IDENTIFICATION	
Classification:	According to regulation (EC) No 1272/2008[EU-GHS/CLP] not a hazardous substance or mixture. According to EU Directives 67/548/EEC or 1999/45/EC, this substance is not classified as dangerous.
Label element:	The product does not need to be labelled in accordance with directive 67/548/EEC.
Hazard statement(s):	No data available
Precautionary statement(s):	No data available
Other hazards:	PBT No data available vPvB No data available
3. COMPOSITION / INFORMATION ON INGREDIENTS	
Product:	TA100 (<i>Salmonella enterica</i> serovar typhimurium TA100)
Description:	The contained bacterial material is stabilized for shipment up to 10 days at Room Temperature. The culture organism is used for bacterial mutagenetic test (Ames test culture).
CAS-No:	No data available
Index-No:	No data available
Other information:	Semi-solid format
4. FIRST AID MEASURES	
Eye contact:	Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes. If contact lenses can't remove, continue washing. Consult a physician or an expert.
Skin contact:	Remove contaminated clothing and wash before renew use. Wash off with soap and plenty of water. Consult a physician.
Inhalation:	Move person into fresh air and control respiration. If not breathing, give artificial respiration. Consult a physician.
Ingestion:	Never give anything by mouth to an unconscious person. Consult a physician. Never cause nausea. Rinse mouth with water. Concerned person should drink water, better milk (two glasses at most). If nausea: Beware swallowing and keeping in recovery position.
5. FIRE-FIGHTING MEASURES	
Extinguishing media:	Suitable: water spray; alcohol-resistant foam; inert gas; dry powder or carbon dioxide (CO ₂); Sand or Soil. Unsuitable: direct water splash; simultaneous using of water and foam.

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Special hazards arising from the substance or mixture:

This product is not combustible. Fire may cause generally accumulation of: Nitrogen (NO_x); Sulfuroxides (SO_x); Carbondioxides (CO_x); other organic and anorganic compositions.

Advice for firefighters:

Special protective equipment for firefighters. Wear self-contained breathing apparatus. Keeping a safe distance or by wearing suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid breathing vapors, mist, dust or gas.
Environmental precautions:	Do not let product enter the drains or water.
Methods and materials for containment and cleaning up:	Ensure adequate ventilation. Avoid direct contact with the product. Evacuate personnel to safe areas. Sweep up with suitable material. Keep in suitable, closed containers for disposal. Clean up affected area.

7. HANDLING AND STORAGE

Handling:	Handle in accordance with good laboratory hygiene and safety practice. This product is not combustible. Firefighting measures see section 5. Open container carefully. No other information available.
Storage:	Store in the original container as much as possible. Recommended storage temperature: -80°C; Avoid storage with Incompatible Products: Strong oxidizing agents and acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection:	Wear safety glasses with side protection.
Skin protection:	Wear appropriate protective gloves to prevent skin exposure.
Body protection:	Appropriate protective clothing, overalls.
Respiratory protection:	No respirators required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark semi-solid in a Vial
Odour:	No data available
pH:	No data available
Melting point:	No data available
Boiling point:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	Product is not flammable or explosive
Self-ignition temp.:	Product is not self-igniting
Danger of Explosion:	Product does not present an explosion hazard
lower explosion limit:	No data available
upper explosion limit:	No data available
Decomposition Temp.:	No data available
Kinematic Viscosity:	No data available
Vapor Pressure:	No data available
Relative Density (20°C):	No data available
Relative Gas Density (20°C):	No data available
Water Solubility (20°C):	No data available
Log KOW:	No data available

10. STABILITY AND REACTIVITY

Chemical stability:	No data available.
Conditions to avoid:	No data available.

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Incompatibilities with other materials: Strong oxidizing agents and acids.

Hazardous decomposition products: No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available.
LC50: No data available.

Skin corrosion/irritation: May causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Respiratory or skin sensitization: May be harmful if inhaled. May cause headache and nausea.

Other: No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATION

Waste treatment methods: Avoid discharge in environment.

Treatment key: Ask your local administration.

Contaminated packaging/ product: Collect and disposal rest of substance separately. Biological material waste must dispose in accordance with appropriate federal, state, and local regulations. Sterilize waste and rests before disposal. Don't use cleaned container for other purpose and dispose.

Special precaution: Sterilisation: autoclave at 2 bar pressure / 30 min. / Temp.121°C

14. TRANSPORT INFORMATION

ADR / RID Not classified as hazardous for transport.

IMDG Not classified as hazardous for transport.

IATA Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Consider the employee limitations. For this product a chemical safety assessment was not carried out.

16. ADDITIONAL INFORMATION

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