

TA98

According to 1907/2006/EC Article 31 (REACH)

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERTAKING

Product name: Ames Tester Strain TA98 (uvrB, rfa, pKM101)
Product code: PLI-0110
Synonyms: /
Recommended uses: For R&D purposes
Supplier: Xenometrix AG, Gewerbestrasse 25, CH-4123 Allschwil, Switzerland
Emergency contact numbers: Telephone: +41 61 482 14 34
 Fax: +41 61 482 20 72

2. HAZARDS IDENTIFICATION

Classification: According to regulation (EC) No 1272/2008[EU-GHS/CLP]
 According to EU Directives 67/548/EEC or 1999/45/EC
Label element: The product does not need to be labelled in accordance to Directive 67/548/EEC
Hazard statement(s): /
Precautionary statement(s): /
Other hazards: PBT: Not data available
 vPvB: Not data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product: AG-TA98 (*Salmonella enterica* serovar typhimurium TA98)
Description: The contained bacterial material is in a liquid format that must be stored at -80°C until use.
CAS-No: Not data available
Index-No: Not data available
Other information: Not data available

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

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Extinguishing media:	Suitable: water spray; alcohol-resistant foam; Inertgas; dry powder or carbon dioxide (CO ₂); Sand or Soil Unsuitable: Direct water splash; simultaneous using of water and foam
Special hazards arising from the substance or mixture:	This product is not combustible. Fire may cause generally accumulation of: Nitrogen (NO _x); Sulfoxides (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.
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. Fire Fighting 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:	Transparent solution in a Vial
Odour:	Data not available / does not apply.
pH:	Data not available / does not apply.
Melting point:	Data not available / does not apply.
Boiling point:	Data not available / does not apply.
Flash point:	Data not available / does not apply.
Evaporation rate:	Data not available / does not apply.
Flammability:	Product is no 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

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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):	soluble
Log KOW:	no data available

10. STABILITY AND REACTIVITY

Chemical stability:	Data not available.
Conditions to avoid:	Data not available.
Incompatibilities with other materials:	Strong oxidizing agents and acids.
Hazardous decomposition products:	Data not available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LD50: Data not available. LC50: Data not 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:	Data not available.

12. ECOLOGICAL INFORMATION

Data not 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 disposed in accordance with appropriate Federal, State, and local regulations. Sterilize waste and rests before dispose. Don't use cleaned container for other purpose and dispose.
Special precaution:	Sterilisation: autoklave at 2bar 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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Revision History

The changes that led to the revision of this document are listed below.

Version	First Name Last Name	Date	Description
2.0	Dimitrios Spiliotopoulos	15.11.2021	Complete overhaul due to ISO 13485.
3.0	Cecile Koelbert	28.03.2022	Adjustment for ISO13485, "Valid until" added, Foot Note corrected

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