

1 Identification of substance:

· **Product details:**

· **Product name:** Tellurite Glycine Agar

· **Catalog number:** 261710, 061717

· **Manufacturer/Supplier:**

Becton, Dickinson and Company

7 Loveton Circle

Sparks, MD 21152

Tel: (410) 771-0100 or (800) 638-8663

· **Information department:** Technical Services

· **Emergency information:**

In case of a chemical emergency, spill, fire, exposure, or accident contact Becton, Dickinson and Company at (410)771-0100 or (800)638-8663, or ChemTrec at (800)424-9300.

2 Composition/Data on components:

· **Chemical characterization**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

7447-41-8	lithium chloride	8.0%
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3 Hazards identification

· **Hazard description:**



T Toxic

· **Information pertaining to particular dangers for man and environment**

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 61 May cause harm to the unborn child

· **Classification system**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· **NFPA ratings (scale 0-4)**



Health = 1

Fire = 0

Reactivity = 0

4 First aid measures

· **After inhalation** In case of unconsciousness place patient on side position for transportation.

· **After skin contact** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact** Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· **After swallowing** Immediately call a doctor.

· **Information for doctor** Show this label

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5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water spray. Fight larger fires with water or alcohol resistant foam.
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Wipe up with damp sponge or mop.
- **Measures for cleaning/collecting:** Ensure adequate ventilation.
- **Additional information:**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Prevent formation of dust.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** < 30 C
- **Information about storage in one common storage facility:**
Do not store together with oxidizing and acidic materials.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components 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 that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Breathing equipment:**
In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves.

- **Eye protection:** Tightly sealed goggles.

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· **Body protection:** Protective work clothing (lab coat).

9 Physical and chemical properties:

· **Form:** Solid.
Powder
· **Color:** Beige
· **Odor:** Characteristic

· **Change in condition**
Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable

· **Auto igniting:** Product is not selfigniting.

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

· **Density:** Not determined

· **Solubility in / Miscibility with Water:** Soluble

· **pH-value at 25°C (77°F):** 7.2 +/- 0.2

· **Solvent content:**

· **Solids content:** 100.0 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Materials to be avoided:** Incompatible materials: strong acids and oxidizers.
· **Dangerous reactions** No dangerous reactions known
· **Dangerous products of decomposition:**
Carbon dioxide (CO₂)
Hydrogen chloride (HCl)
lithium oxide (LiOx)

11 Toxicological information

· **Acute toxicity:**

· **LD/Lc50 values that are relevant for classification:**

7447-41-8 lithium chloride

Oral	LD50	526 mg/kg (rat)
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· **Primary irritant effect:**

· **on the skin:** Irritant to skin and mucous membranes.

· **on the eye:** Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Subacute to chronic toxicity:** Target organs: central nervous system, kidneys, and blood.

· **Additional toxicological information:**

Product is suspected to cause birth defects.

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*Irritant**The product shows the following dangers according to internally approved calculation methods for preparations:***12 Ecological information:****· Ecotoxicological effects:****· Other information:***The ecological effects have not been thoroughly investigated, but currently none have been identified.***· General notes:***Water hazard class 1 (Self-assessment): slightly hazardous for water.**Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.***13 Disposal considerations****· Product:****· Recommendation***Must adhere to state and federal regulations.**Must not be disposed of with solid waste.**Disposal must be made according to the regulations found in 40 CFR 261.***· Uncleaned packagings:****· Recommendation:** *Disposal must be made according to state and federal regulations.***· Recommended cleansing agent:** *Water, if necessary with cleansing agents.***14 Transport information****· DOT regulations:****· Hazard class:** -**· Land transport ADR/RID (cross-border)****· ADR/RID class:** -**· Maritime transport IMDG:****· IMDG Class:** -**· Marine pollutant:** *No***· Air transport ICAO-TI and IATA-DGR:****· ICAO/IATA Class:** -**15 Regulations****· Product related hazard informations:***The product has been classified and marked in accordance with regulations on hazardous materials.***· Hazard symbols:***T Toxic***· Hazard-determining components of labelling:***lithium chloride***· Risk phrases:***36/37/38 Irritating to eyes, respiratory system and skin.*

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61 *May cause harm to the unborn child***· Safety phrases:**

- 22 *Do not breathe dust.*
- 24/25 *Avoid contact with skin and eyes.*
- 36 *Wear suitable protective clothing.*
- 7 *Keep container tightly closed.*

· National regulations**· Additional classification according to Decree on Hazardous Materials:**

CERCLA: *This product does not contain chemicals having a Reportable Quantity.*

SARA 311/312: *Not subject to reporting.*

313: *May be subject to reporting.*

TSCA: *This product is listed under TSCA Section 8(B).*

- Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

16 Other information:

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

- Department issuing MSDS:** *Safety & Environment Department*

- Contact:** *Technical Service Representative*