Safety Data Sheet
29 CFR Part 1910.1200

Printing date 08/25/2015 Reviewed on 07/07/2015

1 Identification

· **Product identifier**

· **Trade name: Gelose T.T.C. + Tergitol 7 (10 x 55 mm) (100 x 55 mm)**

· **Article number:**
3563706
3563980

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

· **Application of the substance / the mixture** Laboratory reagent or component.

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

· **Manufacturer/Supplier:**
Bio-Rad
3, Boulevard Raymond Poincaré
F-92430 Marnes-la-Coquette
Tel.: +33 (0)1 47 95 60 00
Fax : +33 (0)1 47 41 91 33
e-mail: fds-msds.fr@bio-rad.com

· **Information department:** Customer support.

· **Emergency telephone number:**
See item 16
This SDS is listed with CHEMTREC 1-800-424-9300 / 1-703-527-3887.
Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT with this product.
This SDS is listed with CHEMTREC 1-800-424-9300 / 1-510-741-1000.
Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION
or ACCIDENT with this product.
This SDS is listed with CHEMTREC 1-800-424-9300 / 1-510-741-1000.
Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT with this product.

2 Hazard(s) identification

· **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).

· **Label elements**

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**
Health = 0
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**
Health = 0
Fire = 0
Reactivity = 0

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· **Other hazards**
  · **Results of PBT and vPvB assessment**
    · **PBT:** Not applicable.
    · **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**
  · **Description:** Mixture containing components at a non hazardous concentration.
  · **Dangerous components:** Void

4 First-aid measures

· **Description of first aid measures**
  · **General information:** No special measures required.
  · **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  · **After skin contact:** Generally the product does not irritate the skin.
  · **After eye contact:** Rinse opened eye for several minutes under running water.
  · **After swallowing:** Consult a doctor, if necessary.
  · **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 Fire-fighting measures

· **Extinguishing media**
  · **Suitable extinguishing agents:**
  CO_2, extinguishing powder or water spray. Fight larger fires with water spray.
· **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 disposable gloves.
· **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 (sand, diatomite, acid binders, universal binders, sawdust).
· **Reference to other sections** No dangerous substances are released.

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7 Handling and storage

· **Handling:**
  · **Precautions for safe handling**
  Keep receptacles tightly sealed.
  Avoid all contact with reagents, even those considered to be non-hazardous.
  Follow good laboratory practices.
  · **Information about protection against explosions and fires:** 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:** None.
· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**
  · **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.

· **Exposure controls**
  · **Personal protective equipment:**
    · **General protective and hygienic measures:**
    The usual precautionary measures for handling chemicals should be followed.
    · **Breathing equipment:** Not required.
    · **Protection of hands:**
    The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
    · **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**
  · **General Information**
    · **Appearance:**
      · **Form:** Fluid
      · **Color:** Green
    · **Odor:** Characteristic

  · **pH-value at 20 °C (68 °F):** 7.2-7.6

  · **Change in condition**
    · **Melting point/Melting range:** Undetermined.
    · **Boiling point/Boiling range:** Undetermined.

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· **Flash point:**	Not applicable.
· **Auto igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Vapor pressure at 20 °C (68 °F):**	23 hPa (17 mm Hg)
· **Density:**	Not determined.
· **Solubility in / Miscibility with**	
· **Water:**	Fully miscible.
· **Solvent content:**	
· **Organic solvents:**	0.0 %
· **Water:**	94.6 %
· **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.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**
· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** No irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**
None of the ingredients is listed.

· **NTP (National Toxicology Program)**
None of the ingredients is listed.

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· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**
  · **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behavior 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 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.
· **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:**
  Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
  · **Recommendation:** Disposal must be made according to official regulations.
  · **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· **UN-Number**	
· **DOT, ADR, ADN, IMDG, IATA**	Void
· **UN proper shipping name**	
· **DOT, ADR, ADN, IMDG, IATA**	Void
· **Transport hazard class(es)**	
· **DOT, ADR, ADN, IMDG, IATA**	
· **Class**	Void
· **Packing group**	
· **DOT, ADR, IMDG, IATA**	Void
· **Environmental hazards:**	
· **Marine pollutant:**	No

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· **Special precautions for user**	Not applicable.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	Not dangerous according to the above specifications.
· **UN "Model Regulation":**	-

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

63-42-3	Lactose
9002-18-0	Agar
8013-01-2	Yeast, ext.
497-19-8	Sodium Carbonate
76-59-5	bromothymol blue
7732-18-5	water, distilled, conductivity or of similar purity

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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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.
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Marnes-la-Coquette, France

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Redmond, WA 98052-5039

Phone Number: 1-800-2BIORAD (1-800-224-6723) or (425) 881-8300 (daytime PST)

· **Date of preparation / last revision** 08/25/2015 / -

· **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 Organisation
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
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
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)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)