

## Material Safety Data Sheet

### 1. Identification of Substance

**Product name** *GAM Agar, Modified "Nissui"*  
**Manufacturer/Supplier** *NISSUI PHARMACEUTICAL CO., LTD.*  
*3-23-9 Ueno Taito-ku Tokyo Japan*  
*Tel: +81-3-5846-5611 Fax: +81-3-5846-5619*  
**Department issuing MSDS** *Pharmaceutical Affairs*  
*3-23-9 Ueno Taito-ku Tokyo Japan*  
*Tel: +81-3-5846-5613 Fax: +81-3-5846-5629*

### 2. Composition / Information on ingredients

**Chemical nature** *Mixture of chemical and biological substances.*

### 3. Hazards identification

**Harmfulness** *Non- harmfulness.*  
**Environment influence** *Non-influence.*  
**Physical and chemical dangerous** *Non- danger.*

### 4. First-aid measures

**After inhalation** *Move to the place of fresh air. If necessary, consult a doctor.*  
**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 necessary, consult a doctor*  
**After swallowing** *Vomit immediately and wash the inside of the mouth with water.*  
*If necessary, consult a doctor.*

### 5. Fire-fighting measures

**Extinguishing agents** *Bubble, CO2, Powder or Dry sand.*  
**Extinguishing method** *—*

### 6. Accidental release measures

**Person-related safety precautions** *In case of work, wear an appropriate rubber glove, protection glasses, and a protection coating.*  
**Measures for environmental protection** *It is careful so as not to cause an influence to the environment by being discharged to the river.*  
**Measures for cleaning/collecting** *Collect with something paper towel.*

### 7. Handling and storage

**Handling** *Avoid direct contact with skin, a mucous membrane or a wear coating and to enter eyes.*  
**Storage conditions** *Store at room temperature,. Keep container tightly closed. Protect from moisture.*

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### 8. Exposure controls / personal protection

**Facility measures** *Set up the facilities for the wash of the eyes and the bodies wash near the handling place.*

**Controlling concentration** *Not setting.*

**Components with Occupational Exposure Limits**

*Not setting.*

**General protective and hygienic measures**

*According to need, wear an appropriate protection mask, rubber glove, protection glasses, and a protection coating.*

### 9. Physical and chemical Properties

<b>Form</b>	<i>Powder</i>
<b>Color</b>	<i>Light brownish yellow</i>
<b>Odor</b>	<i>Nearly odorless</i>
<b>pH value</b>	<i>7.3 +/-0.1</i>
<b>Boiling point / Boiling range</b>	<i>Not determined</i>
<b>Melting point</b>	<i>Not determined</i>
<b>Flash point</b>	<i>Not determined</i>
<b>Auto-ignition temperature</b>	<i>Not determined</i>
<b>Danger of explosion</b>	<i>Not determined</i>
<b>Density</b>	<i>Not determined</i>
<b>Solubility in / Miscibility with water</b>	<i>Not determined</i>

### 10. Stability and reactivity

**Thermal decomposition / conditions to be avoided**

*No decomposition if used according to specifications.*

**Dangerous reactions** *None known.*

**Dangerous products of decomposition**

*None known.*

### 11. Toxicological information

**Acute toxicity** *Not determined*

**Local effect** *Not determined*

### 12. Ecological information

**Remaining / decomposition** *Not determined*

**Ecological accumulation** *Not determined*

**Ecological toxicity** *Not determined*

### 13. Disposal considerations

*Dispose in accordance with appropriate regulations. And or entrust to the industrial waste processing organization which got permission.*

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### 14. Transport information

<b>General attention</b>	<i>Follow note of the handling and storage. It ascertains that there is not container leakage. It is careful of the collapse of the luggage during transportation.</i>
<b>International regulation</b>	<i>Follow the transportation laws in the countries concerned.</i>
<b>Country regulation</b>	<i>Not restricted for transportation.</i>

### 15. Regulatory information

<b>PRTR (Pollutant Release and Transfer Register)</b>	<i>None contains listed substances.</i>
<b>Occupational Health and Safety Law</b>	<i>None contains listed substances.</i>
<b>Poisonous and Deleterious Substances Control Law</b>	<i>None contains listed substances.</i>

### 16. Other information

#### Reference

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#### Caution

*To the best of our current knowledge, the information contained herein is accurate.  
But 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. Also, because note matters are one for usual handling, in case of special handling, use under the special safe measure.*