SAFETY DATA SHEET
Magnis Installation Kit, Part Number K1007-67100

Section 1. Identification

Product identifier : Magnis Installation Kit, Part Number K1007-67100
Part no. (chemical kit) : K1007-67100
Part no. : Brilliant Blue FCF, 0.05 mg/ml, 10 mL 5191-5725
LodeStars 2.7 Carboxyl (Prediluted) 2 ml 5191-5726

Material uses : Analytical reagent.
For Research Use Only. Not for use in diagnostic procedures.
The following articles are also contained in this kit: 5191-5722, 5191-5723, 5191-5724,
K1007-20826. (No SDS is necessary.)
Brilliant Blue FCF, 0.05 mg/ml, 10 mL 10 ml
LodeStars 2.7 Carboxyl (Prediluted) 2 ml 2 ml

Supplier/Manufacturer : Agilent Technologies, Inc.
5301 Stevens Creek Blvd
Santa Clara, CA 95051, USA
800-227-9770

Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300

Section 2. Hazard identification

Classification of the substance or mixture
Not classified.

GHS label elements

Signal word : Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No signal word.

Hazard statements : Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No known significant effects or critical hazards.

Precautionary statements

Prevention : Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 ml
Not applicable.

Response : Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 ml
Not applicable.

Storage : Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 ml
Not applicable.

Date of issue/Date of revision : 09/30/2021
Date of previous issue : 05/20/2019
Version : 2
Section 2. Hazard identification

**Disposal**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - Not applicable.

**Supplemental label elements**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - None known.

**Other hazards which do not result in classification**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - None known.

Section 3. Composition/information on ingredients

**Substance/mixture**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - Mixture

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-aid measures

**Description of necessary first aid measures**

**Eye contact**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin contact**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
### Section 4. First-aid measures

#### Most important symptoms/effects, acute and delayed

<table>
<thead>
<tr>
<th>Potential acute effects</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Brillant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>Brillant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>Brillant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
</tr>
</tbody>
</table>

#### Over-exposure signs/symptoms

<table>
<thead>
<tr>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td>No specific data.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Brillant Blue FCF, 0.05 mg/ml, 10 mL</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>Brillant Blue FCF, 0.05 mg/ml, 10 mL</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>Brillant Blue FCF, 0.05 mg/ml, 10 mL</td>
</tr>
</tbody>
</table>

#### Indication of immediate medical attention and special treatment needed, if necessary

<table>
<thead>
<tr>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Notes to physician</strong></td>
<td>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</td>
</tr>
<tr>
<td><strong>Specific treatments</strong></td>
<td>Brillant Blue FCF, 0.05 mg/ml, 10 mL</td>
</tr>
<tr>
<td><strong>Protection of first-aiders</strong></td>
<td>Brillant Blue FCF, 0.05 mg/ml, 10 mL</td>
</tr>
</tbody>
</table>

No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)
Section 5. Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

None known.

**Specific hazards arising from the chemical**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

No specific data.

**Decomposition products may include the following materials:**
- carbon dioxide
- carbon monoxide

**Special protective actions for fire-fighters**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

Date of issue/Date of revision: 09/30/2021  Date of previous issue: 05/20/2019  Version: 2
**Section 6. Accidental release measures**

**For emergency responders**: Brilliant Blue FCF, 0.05 mg/ml, 10 mL

- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in “For non-emergency personnel”.

**Environmental precautions**: Brilliant Blue FCF, 0.05 mg/ml, 10 mL

- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods for cleaning up**

**Methods for cleaning up**: Brilliant Blue FCF, 0.05 mg/ml, 10 mL

- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Section 7. Handling and storage**

**Precautions for safe handling**

**Protective measures**: Brilliant Blue FCF, 0.05 mg/ml, 10 mL

- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

Put on appropriate personal protective equipment (see Section 8).

**Advice on general occupational hygiene**: Brilliant Blue FCF, 0.05 mg/ml, 10 mL

- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities**

- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
  - Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

- LodeStars 2.7 Carboxyl (Prediluted) 2 ml
  - Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

None.

**Appropriate engineering controls**

- Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls**

- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

**Hygiene measures**

- Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection**

- Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**

**Hand protection**

- Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection**

- Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Section 8. Exposure controls/personal protection

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**Appearance**

<table>
<thead>
<tr>
<th>Property</th>
<th>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>LodeStars 2.7 Carboxyl (Prediluted) 2 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid.</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
<td>7.4</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>0°C (32°F)</td>
<td>0°C (32°F)</td>
</tr>
<tr>
<td>Boiling point, initial boiling point, and boiling range</td>
<td>100°C (212°F)</td>
<td>100°C (212°F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
Section 9. Physical and chemical properties and safety characteristics

Lower and upper explosion limit/flammability limit
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  Not available.

Vapor pressure

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Vapor Pressure at 20°C</th>
<th>Vapor pressure at 50°C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm Hg</td>
<td>kPa</td>
</tr>
<tr>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>23.8</td>
<td>3.2</td>
</tr>
<tr>
<td>Water</td>
<td>23.8</td>
<td>3.2</td>
</tr>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 mL</td>
<td>0.0075</td>
<td>0.001</td>
</tr>
<tr>
<td>Sodium azide</td>
<td>0.0075</td>
<td>0.001</td>
</tr>
</tbody>
</table>

Relative vapor density
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  Not available.

Relative density
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  Not available.

Solubility
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  Easily soluble in the following materials: cold water and hot water.

Partition coefficient: n-octanol/water
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  Not applicable.

Auto-ignition temperature

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>°C</th>
<th>°F</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 mL</td>
<td>309</td>
<td>588.2</td>
<td>EU A.16</td>
</tr>
</tbody>
</table>

Decomposition temperature
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  Not available.

Viscosity
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  Not available.

Particle characteristics

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Median particle size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 mL</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
## Section 10. Stability and reactivity

| Reactivity                                      | Brilliant Blue FCF, 0.05 mg/ml, 10 mL | LodeStars 2.7 Carboxyl (Prediluted) 2 ml | No specific test data related to reactivity available for this product or its ingredients.
|                                                |                                        |                                         | No specific test data related to reactivity available for this product or its ingredients.

| Chemical stability                              | Brilliant Blue FCF, 0.05 mg/ml, 10 mL | LodeStars 2.7 Carboxyl (Prediluted) 2 ml | The product is stable.
|                                                |                                        |                                         | The product is stable.

| Possibility of hazardous reactions              | Brilliant Blue FCF, 0.05 mg/ml, 10 mL | LodeStars 2.7 Carboxyl (Prediluted) 2 ml | Under normal conditions of storage and use, hazardous decomposition products should not be produced.
|                                                |                                        |                                         | Under normal conditions of storage and use, hazardous decomposition products should not be produced.

| Conditions to avoid                             | Brilliant Blue FCF, 0.05 mg/ml, 10 mL | LodeStars 2.7 Carboxyl (Prediluted) 2 ml | No specific data.
|                                                |                                        |                                         | No specific data.

| Incompatible materials                          | Brilliant Blue FCF, 0.05 mg/ml, 10 mL | LodeStars 2.7 Carboxyl (Prediluted) 2 ml | May react or be incompatible with oxidizing materials.
|                                                |                                        |                                         | May react or be incompatible with oxidizing materials.

| Hazardous decomposition products                | Brilliant Blue FCF, 0.05 mg/ml, 10 mL | LodeStars 2.7 Carboxyl (Prediluted) 2 ml | Under normal conditions of storage and use, hazardous decomposition products should not be produced.
|                                                |                                        |                                         | Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

- **Acute toxicity**
  Not available.

- **Irritation/Corrosion**
  Not available.

- **Sensitization**
  Not available.

- **Mutagenicity**
  **Conclusion/Summary**: Not available.

- **Carcinogenicity**
  **Conclusion/Summary**: Not available.

- **Reproductive toxicity**
  **Conclusion/Summary**: Not available.

- **Teratogenicity**
  **Conclusion/Summary**: Not available.

- **Specific target organ toxicity (single exposure)**
  Not available.
Section 11. Toxicological information

Specific target organ toxicity (repeated exposure)
Not available.

Aspiration hazard
Not available.

Information on the likely routes of exposure

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Product 1</th>
<th>Product 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>Not available.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Potential acute health effects

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Product 1</th>
<th>Product 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

Symptoms related to the physical, chemical and toxicological characteristics

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Product 1</th>
<th>Product 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No specific data.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No specific data.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No specific data.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No specific data.</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
</tr>
</tbody>
</table>

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

<table>
<thead>
<tr>
<th>Effects</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential immediate effects</td>
<td>Not available.</td>
</tr>
<tr>
<td>Potential delayed effects</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Long term exposure

<table>
<thead>
<tr>
<th>Effects</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential immediate effects</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
Section 11. Toxicological information

Potential delayed effects: Not available.
Potential chronic health effects:

General: Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 mL
No known significant effects or critical hazards.

Carcinogenicity: Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 mL
No known significant effects or critical hazards.

Mutagenicity: Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 mL
No known significant effects or critical hazards.

Reproductive toxicity: Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 mL
No known significant effects or critical hazards.

Numerical measures of toxicity
Acute toxicity estimates
N/A

Other information: Brilliant Blue FCF, 0.05 mg/ml, 10 mL
LodeStars 2.7 Carboxyl (Prediluted) 2 mL
Not available.

Section 12. Ecological information

Toxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Mobility in soil

Soil/water partition coefficient (Koc): Not available.

Other adverse effects: No known significant effects or critical hazards.
Section 13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

TDG / IMDG / IATA: Not regulated.

Special precautions for user: Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments: Not available.

Section 15. Regulatory information

Canadian lists
- Canadian NPRI: None of the components are listed.
- CEPA Toxic substances: None of the components are listed.

International regulations
- UNECE Aarhus Protocol on POPs and Heavy Metals: Not listed.

Inventory list
- Australia: Not determined.
- Canada: Not determined.
- China: All components are listed or exempted.
- Europe: All components are listed or exempted.
- Japan: Japan inventory (CSCL): Not determined.
  Japan inventory (ISHL): All components are listed or exempted.
- New Zealand: Not determined.
- Philippines: Not determined.
- Republic of Korea: Not determined.
Section 15. Regulatory information

<table>
<thead>
<tr>
<th>Country</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taiwan</td>
<td>All components are listed or exempted.</td>
</tr>
<tr>
<td>Thailand</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Turkey</td>
<td>Not determined.</td>
</tr>
<tr>
<td>United States</td>
<td>All components are active or exempted.</td>
</tr>
<tr>
<td>Viet Nam</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

Section 16. Other information

**History**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of issue/Date of revision</td>
<td>09/30/2021</td>
</tr>
<tr>
<td>Date of previous issue</td>
<td>05/20/2019</td>
</tr>
<tr>
<td>Version</td>
<td>2</td>
</tr>
</tbody>
</table>

**Key to abbreviations**

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- HPR = Hazardous Products Regulations
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- N/A = Not available
- UN = United Nations

**Procedure used to derive the classification**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not classified.</td>
<td></td>
</tr>
</tbody>
</table>

**References**

- Not available.

▷ Indicates information that has changed from previously issued version.

**Notice to reader**

Disclaimer: The information contained in this document is based on Agilent’s state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.