# SAFETY DATA SHEET

Magnis Installation Kit, Part Number K1007-67100

## Section 1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Magnis Installation Kit, Part Number K1007-67100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part no. (chemical kit)</td>
<td>K1007-67100</td>
</tr>
<tr>
<td>Part no.</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL 5191-5725</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml 5191-5726</td>
</tr>
</tbody>
</table>

### Relevant identified uses of the substance or mixture and uses advised against

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.)

<table>
<thead>
<tr>
<th>Part no. (chemical kit)</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>10 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>2 ml</td>
</tr>
</tbody>
</table>

### Supplier/Manufacturer

Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402

### Emergency telephone number (with hours of operation)

CHEMTREC®: +(61)-290372994

## Section 2. Hazard(s) identification

### Classification of the substance or mixture

Not classified.

### GHS label elements

**Signal word**

<table>
<thead>
<tr>
<th>Chemicals</th>
<th>Signal word</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No signal word.</td>
</tr>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No signal word.</td>
</tr>
</tbody>
</table>

**Hazard statements**

<table>
<thead>
<tr>
<th>Chemicals</th>
<th>Hazard statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

### Precautionary statements

#### Prevention

<table>
<thead>
<tr>
<th>Chemicals</th>
<th>Prevention</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>

<table>
<thead>
<tr>
<th>Chemicals</th>
<th>Response</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>

<table>
<thead>
<tr>
<th>Chemicals</th>
<th>Storage</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 2. Hazard(s) identification

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

- **Supplemental label elements**
  - **Additional warning phrases**: Brilliant Blue FCF, 0.05 mg/ml, 10 mL
    - Not applicable.
  - LodeStars 2.7 Carboxyl (Prediluted) 2 ml
    - Not applicable.

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

Section 3. Composition and ingredient information

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

### CAS number/other identifiers

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>% (w/w)</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>≤5</td>
<td>-</td>
</tr>
<tr>
<td>Polymeric beads</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

There are no additional 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
  - 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.
  - 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
  - Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
  - 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
  - Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
  - 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.
## Section 4. First aid measures

### Ingestion

<table>
<thead>
<tr>
<th>Material</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>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.</td>
</tr>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>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.</td>
</tr>
</tbody>
</table>

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

#### Potential acute health effects

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Material</th>
<th>Effects</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>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
<td></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>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
<td></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>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
<td></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>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No known significant effects or critical hazards.</td>
<td></td>
</tr>
</tbody>
</table>

#### Over-exposure signs/symptoms

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Material</th>
<th>Effects</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>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
<td></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>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
<td></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>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
<td></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>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Notes to physician</th>
<th>Specific treatments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>No specific treatment.</td>
</tr>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific treatment.</td>
</tr>
</tbody>
</table>
Section 4. First aid measures

**Protection of first-aiders**
- 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.

**Protection of first-aiders**
- 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.

See toxicological information (Section 11)

Section 5. Firefighting 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

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.

**Hazchem code**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

Not available.

Section 6. Accidental release measures

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

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

**For non-emergency personnel**

- **Brilliant Blue FCF**, 0.05 mg/ml, 10 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 spilt material. Put on appropriate personal protective equipment.

- **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 spilt material. Put on appropriate personal protective equipment.

**For emergency responders**

- **Brilliant Blue FCF**, 0.05 mg/ml, 10 mL
  - If specialised 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".

- **LodeStars 2.7 Carboxyl** (Prediluted) 2 ml
  - If specialised 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
  - Avoid dispersal of spilt 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).

- **LodeStars 2.7 Carboxyl** (Prediluted) 2 ml
  - Avoid dispersal of spilt 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 and material for containment and cleaning up

**Methods for cleaning up**

- **Brilliant Blue FCF**, 0.05 mg/ml, 10 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.

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

- **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
  - 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.

- **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 unlabelled 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls and personal protection

### Control parameters

#### Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</strong></td>
<td><strong>ACGIH TLV (United States).</strong> Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable</td>
</tr>
<tr>
<td>Polymeric beads</td>
<td></td>
</tr>
</tbody>
</table>

### 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.
Section 8. Exposure controls and personal protection

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.

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
Physical state:
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL Liquid.
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL Liquid.

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

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

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

pH:
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL Not available.
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL 7.4

Melting point/freezing point:
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL 0°C (32°F)
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL 0°C (32°F)

Boiling point, initial boiling point, and boiling range:
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL 100°C (212°F)
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL 100°C (212°F)

Flash point:
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL Not available.
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL Not available.
Section 9. Physical and chemical properties and safety characteristics

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

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

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

Vapour pressure:

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Vapour Pressure at 20°C</th>
<th>Vapour 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></td>
<td></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></td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>23.8</td>
<td>3.2</td>
</tr>
<tr>
<td>Sodium azide</td>
<td>0.0075</td>
<td>0.001</td>
</tr>
</tbody>
</table>

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

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

Solubility:
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL: Easily soluble in the following materials: cold water and hot water.
- 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: Not applicable.
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL: Not applicable.

Auto-ignition temperature:

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>ºC</th>
<th>ºF</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>
<tr>
<td>Sodium azide</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

Particle characteristics:
Section 9. Physical and chemical properties and safety characteristics

<table>
<thead>
<tr>
<th>Median particle size</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

Section 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Reactivity</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>No specific test data related to reactivity available for this product or its ingredients.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical stability</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>The product is stable.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>The product is stable.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Possibility of hazardous reactions</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>Under normal conditions of storage and use, hazardous reactions will not occur.</th>
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<tbody>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
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<table>
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<tr>
<th>Conditions to avoid</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
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<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
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<tr>
<th>Incompatible materials</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>May react or be incompatible with oxidising materials.</th>
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<tbody>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>May react or be incompatible with oxidising materials.</td>
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<table>
<thead>
<tr>
<th>Hazardous decomposition products</th>
<th>Brillant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
</tr>
</tbody>
</table>

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity
Not available.

Irritation/Corrosion
Not available.

Sensitisation
Not available.

Mutagenicity

<table>
<thead>
<tr>
<th>Conclusion/Summary</th>
<th>Not available.</th>
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Carcinogenicity

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</table>

Reproductive toxicity

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</table>

Teratogenicity

<table>
<thead>
<tr>
<th>Conclusion/Summary</th>
<th>Not available.</th>
</tr>
</thead>
</table>
Section 11. Toxicological information

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)
Not available.

Specific target organ toxicity (repeated exposure)
Not available.

Aspiration hazard
Not available.

Information on likely routes of exposure

Inhalation:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No known significant effects or critical hazards.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No known significant effects or critical hazards.

Potential acute health effects

Eye contact:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No known significant effects or critical hazards.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No known significant effects or critical hazards.

Inhalation:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No known significant effects or critical hazards.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No known significant effects or critical hazards.

Skin contact:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No known significant effects or critical hazards.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No known significant effects or critical hazards.

Ingestion:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No known significant effects or critical hazards.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No specific data.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No specific data.

Inhalation:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No specific data.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No specific data.

Skin contact:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No specific data.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No specific data.

Ingestion:
Brilliant Blue FCF, 0.05 mg/ml, 10 mL
No specific data.

LodeStars 2.7 Carboxyl (Prediluted) 2 ml
No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

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Section 11. Toxicological information

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

**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
- Not available.

**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 minimised 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 spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

ADG / IMDG / IATA

Not regulated as Dangerous Goods according to the ADG Code.

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

Standard for the Uniform Scheduling of Medicines and Poisons

5

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

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.
Taiwan : All components are listed or exempted.
Thailand : Not determined.

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Section 15. Regulatory information

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
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<td>Turkey</td>
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<tr>
<td>United States</td>
<td>All components are active or exempted.</td>
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<td>Viet Nam</td>
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Section 16. Any other relevant information

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Key to abbreviations

- ADG = Australian Dangerous Goods
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- 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
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

Procedure used to derive the classification

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

References

- Not available.

Notice to reader

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