SAFETY DATA SHEET

Magnis Installation Kit, Part Number K1007-67100

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

<table>
<thead>
<tr>
<th>Product name</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</td>
</tr>
<tr>
<td></td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
</tr>
</tbody>
</table>

1.2 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.)

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

1.3 Details of the supplier of the safety data sheet

Agilent Technologies LDA UK Ltd.
5500 Lakeside Cheadle Royal Business Park,
Cheadle, Cheshire, SK8 3GR
United Kingdom
Tel: +44 (0) 345 712 5292

e-mail address of person responsible for this SDS: pdl-msds_author@agilent.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation): CHEMTREC®: +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Not classified.

See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

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

**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
  - Not applicable.
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - Not applicable.

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

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

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

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

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
  - Not applicable.
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - Not applicable.

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

**2.3 Other hazards**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
  - This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
- LodeStars 2.7 Carboxyl (Prediluted) 2 mL
  - This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**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/information on ingredients

**3.1 Substances**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
  - Mixture
- 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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.
SECTION 4: First aid measures

4.1 Description of first aid measures

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

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

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

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

**Protection of first-aiders**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml

### 4.2 Most important symptoms and effects, both acute and delayed

#### Potential acute health effects

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

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

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

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

**Over-exposure signs/symptoms**

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

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SECTION 4: First aid measures

Inhalation: Brilliant Blue FCF, 0.05 mg/ml, 10 mL; LodeStars 2.7 Carboxyl (Prediluted) 2 ml
Skin contact: Brilliant Blue FCF, 0.05 mg/ml, 10 mL; LodeStars 2.7 Carboxyl (Prediluted) 2 ml
Ingestion: Brilliant Blue FCF, 0.05 mg/ml, 10 mL; LodeStars 2.7 Carboxyl (Prediluted) 2 ml

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: Brilliant Blue FCF, 0.05 mg/ml, 10 mL; LodeStars 2.7 Carboxyl (Prediluted) 2 ml
Specific treatments: Brilliant Blue FCF, 0.05 mg/ml, 10 mL; LodeStars 2.7 Carboxyl (Prediluted) 2 ml

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: Brilliant Blue FCF, 0.05 mg/ml, 10 mL; LodeStars 2.7 Carboxyl (Prediluted) 2 ml
Hazardous combustion products: Brilliant Blue FCF, 0.05 mg/ml, 10 mL; LodeStars 2.7 Carboxyl (Prediluted) 2 ml

5.3 Advice for firefighters

Special precautions for fire-fighters: Brilliant Blue FCF, 0.05 mg/ml, 10 mL; LodeStars 2.7 Carboxyl (Prediluted) 2 ml

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Date of previous issue: 20/05/2019
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### SECTION 5: Firefighting measures

<table>
<thead>
<tr>
<th><strong>Special protective equipment for firefighters</strong></th>
<th><strong>Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
</tr>
</tbody>
</table>

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

<table>
<thead>
<tr>
<th>For non-emergency personnel</th>
<th>:</th>
<th>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>For emergency responders</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</td>
<td>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 &quot;For non-emergency personnel&quot;.</td>
</tr>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td></td>
<td></td>
<td>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 &quot;For non-emergency personnel&quot;.</td>
</tr>
</tbody>
</table>

#### 6.2 Environmental precautions

<table>
<thead>
<tr>
<th>Methods for cleaning up</th>
<th>:</th>
<th>Brilliant Blue FCF, 0.05 mg/ml, 10 mL</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td></td>
<td></td>
<td>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.</td>
</tr>
</tbody>
</table>

#### 6.4 Reference to other sections

| : | See Section 1 for emergency contact information. |
|---|---|---|---|
|  | See Section 8 for information on appropriate personal protective equipment. |
|  | See Section 13 for additional waste treatment information. |
SECTION 7: Handling and storage

7.1 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.

7.2 Conditions for safe storage, including any incompatibilities

Storage:
- 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.

7.3 Specific end use(s)

Recommendations:
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
  - Industrial applications, Professional applications.
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml
  - Industrial applications, Professional applications.

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits
No exposure limit value known.
SECTION 8: Exposure controls/personal protection

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs
No DNELs/DMELs available.

PNECs
No PNECs available

8.2 Exposure controls

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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.

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.

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.

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## SECTION 9: Physical and chemical properties

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

### 9.1 Information on basic physical and chemical properties

**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>Melting point/freezing point</td>
<td>0°C</td>
<td>0°C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>100°C (212°F)</td>
<td>100°C (212°F)</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium azide</td>
<td>309°C (588.2°F)</td>
<td>EU A.16</td>
</tr>
<tr>
<td>Decomposition temperature</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>Viscosity</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Method**

<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>
SECTION 9: Physical and chemical properties

<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>

**Evaporation rate**: 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.

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

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

**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.

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

9.2 Other information
No additional information.

SECTION 10: Stability and reactivity

10.1 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.

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

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**SECTION 10: Stability and reactivity**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Substance</th>
<th>Conditions</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.3 Possibility of hazardous reactions</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur. May react or be incompatible with oxidising materials.</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
</tr>
<tr>
<td>10.4 Conditions to avoid</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>No specific data.</td>
<td></td>
</tr>
<tr>
<td>10.5 Incompatible materials</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>May react or be incompatible with oxidising materials.</td>
<td></td>
</tr>
<tr>
<td>10.6 Hazardous decomposition products</td>
<td>Brilliant Blue FCF, 0.05 mg/ml, 10 mL LodeStars 2.7 Carboxyl (Prediluted) 2 ml</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 11: Toxicological information**

11.1 Information on toxicological effects

**Acute toxicity**

Not available.

**Acute toxicity estimates**

N/A

**Irritation/Corrosion**

Conclusion/Summary: Not available.

**Sensitiser**

Conclusion/Summary: Not available.

**Mutagenicity**

Conclusion/Summary: Not available.

**Carcinogenicity**

Conclusion/Summary: Not available.

**Reproductive toxicity**

Conclusion/Summary: Not available.

**Teratogenicity**

Conclusion/Summary: Not available.

**Aspiration hazard**

Not available.

**Information on likely routes of exposure**

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

**Potential acute health effects**

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

**Magnis Installation Kit, Part Number K1007-67100**

**SECTION 11: Toxicological information**

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

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

**Symptoms related to the physical, chemical and toxicological characteristics**

**Inhalation**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml
  - No specific data.

**Ingestion**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml
  - No specific data.

**Skin contact**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- LodeStars 2.7 Carboxyl (Prediluted) 2 ml
  - No specific data.

**Eye contact**
- Brilliant Blue FCF, 0.05 mg/ml, 10 mL
- 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**

**Short term exposure**
- Potential immediate effects: Not available.
- Potential delayed effects: Not available.

**Long term exposure**
- Potential immediate effects: Not available.
- 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.

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

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SECTION 12: Ecological information

12.1 Toxicity
Conclusion/Summary : Not available.

12.2 Persistence and degradability
Not available.

12.3 Bioaccumulative potential
Not available.

12.4 Mobility in soil
Soil/water partition coefficient ($K_{OC}$) : Not available.
Mobility : Not available.

12.5 Results of PBT and vPvB assessment
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
Methods of disposal : 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.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging
Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions : 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

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SECTION 14: Transport information

14.5 Environmental hazards

14.6 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.

14.7 Transport in bulk according to IMO instruments: Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV
None of the components are listed.

Substances of very high concern
None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

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

Other EU regulations

Ozone depleting substances (1005/2009/EU)
Not listed.

Prior Informed Consent (PIC) (649/2012/EU)
Not listed.

Persistent Organic Pollutants
Not listed.

Seveso Directive
This product is not controlled under the Seveso Directive.

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.

UNEP Aarhus Protocol on POPs and Heavy Metals
Not listed.

Inventory list

Australia: Not determined.
SECTION 15: Regulatory information

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments might still be required.

- **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.
- **Turkey**: Not determined.
- **United States**: All components are active or exempted.
- **Viet Nam**: Not determined.

**SECTION 16: Other information**

- **Abbreviations and acronyms**
  - ATE = Acute Toxicity Estimate
  - CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
  - DMEL = Derived Minimal Effect Level
  - DNEL = Derived No Effect Level
  - EUH statement = CLP-specific Hazard statement
  - N/A = Not available
  - PBT = Persistent, Bioaccumulative and Toxic
  - PNEC = Predicted No Effect Concentration
  - RRN = REACH Registration Number
  - vPvB = Very Persistent and Very Bioaccumulative

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

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<th>Classification</th>
<th>Justification</th>
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<tbody>
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**Full text of abbreviated H statements**

Not applicable.

**Full text of classifications [CLP/GHS]**

Not applicable.

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20/05/2019

**Version**

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**Notice to reader**

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