

# SAFETY DATA SHEET

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

| Product Name   | Sigma 70 Master Mix Kit                |
|----------------|--|
| Product Number | 507024, 507096                         |
| Kit Components | Sigma 70 Master Mix                    |
| -              | P70a(2)-deGFP Positive Control Plasmid |

### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Kit Component NameSigma 70 Master MixProduct Numbern/a

1.2. Relevant identified uses of the substance or mixture and uses advised against

| Recommended use      | For research use only    |
|----------------------|--------------------------|
| Uses advised against | No information available |

### 1.3. Details of the supplier of the safety data sheet

| Supplier Address | Daicel Arbor Biosciences<br>5840 Interface Drive, Suite 101<br>Ann Arbor, MI 48103<br>USA |
|------------------|---|
| Email            | <u>info@arbor.daicel.com</u>  |
| Phone            | + 1 (734) 998-0751  |

### 1.4. Emergency telephone number

**Emergency Phone Number** +1 (800) 222-1222 (American Association of Poison Control Centers) Available 24 hours everyday

### Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture Regulation (EC) No 1272/2008

There is no harmonized classification and there are no notified hazards by manufacturers, importers or downstream users for this product.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Sigma 70 Master Mix is a mixture of hazardous substances and non-hazardous substances. The exact concentration percentages of those substances may be withheld as a Daicel Arbor Bioscience trade secret.

| Chemical name     | EC No     | CAS No       | Weight<br>% | Classification according<br>to Regulation (EC) No.<br>1272/2008 [CLP] | REACH STATUS          |
|-------------------|-----------|--------------|-------------|---|-----------------------|
| Tris base         | 201-064-4 | 77-86-1      | 1-5         | n/a   | 01-2119957659-16-0000 |
| Potassium acetate | 204-822-2 | 127-08-2     | 1-5         | n/a   | 01-2119486975-16-0000 |
| Magnesium acetate | 205-554-9 | 142-72-3     | 1-5         | n/a   | 01-2119991992-18-0000 |
| Substance 1-31    | n/a       | Trade Secret | 85-97       | n/a   | n/a                   |

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.

### Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

### General Advice

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove from exposure, lie down. Do not breathe dust/fume/gas/mist/vapors/spray.

- **Inhalation** Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
- **Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin Contact Wash skin with soap and water.
- **Ingestion** Clean mouth with water and drink afterwards plenty of water.

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

**Symptoms** No information available.

4.3. Indication of any immediate medical attention and special treatment needed

**Note to Physician** Treat symptomatically.

### Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

### 5.2. Special hazards arising from the substance or mixture

| Specific Hazards Arising from the | Thermal decomposition can lead to release of irritating gases and |
|-----------------------------------|---|
| Chemical                          | vapors.   |

### 5.3. Advice for firefighters

| Special protective equipment for | Firefighters should wear self-contained                       | breathing apparatus and full |
|----------------------------------|---|------------------------------|
| fire-fighters                    | firefighting turnout gear. Use personal protection equipment. |                              |
| ENG / EGHS                       | Revision Date 11/5/20   | Page 2/16                    |

### Section 6: ACCIDENTAL RELEASE MEASURES

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

| Personal Precautions                                      | Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing.  |  |  |
|---|---|--|--|
| For emergency responders                                  | Use personal protection recommended in Section 8.   |  |  |
| 6.2. Environmental precautions                            |   |  |  |
| Environmental Precautions                                 | Should not be released into the environment.  |  |  |
| 6.3. Methods and material for containment and cleaning up |   |  |  |
| Methods for Containment                                   | Prevent further leakage or spillage if safe to do so.   |  |  |
| Methods for Cleaning Up                                   | Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. This material and its container must be disposed of as hazardous waste. |  |  |
| 6.4. Reference to other sections                          |   |  |  |
| Reference to other sections                               | See section 8 for more information. See section 13 for more information.  |  |  |

### Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice.

#### 7.2. Conditions for safe storage, including any incompatibilities

| Storage Temperature    | Refer to the current version of the myTXTL Handbook available at <u>www.arborbiosci.com</u> for specific information. |
|------------------------|---|
| Storage Conditions     | Keep/store only in original container. Keep tightly closed in a dry and cool place.                                   |
| Incompatible Materials | None known based on information supplied.   |

7.3. Specific end use(s)

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

| Exposure Limits                | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies |
|--------------------------------|--|
| Derived No Effect Level (DNEL) | No information available.  |

| Predicted No Effect<br>Concentration (PNEC) | No information available.   |  |
|---|---|--|
| 8.2. Exposure controls                      |   |  |
| Engineering Controls                        | Ensure adequate ventilation, especially in confined areas.<br>Ensure that eyewash stations are close to the workstation location.<br>Ensure that showers are close to the workstation location. |  |
| Personal protective equipment (PPE)         |   |  |
| Eye/face Protection                         | Wear safety glasses with side shields (or goggles).   |  |
| Skin and Body Protection                    | Wear suitable protective clothing and gloves.   |  |
| Respiratory Protection                      | Use in well ventilated areas.   |  |
| General Hygiene Consideratior               | Handle in accordance with good industrial hygiene and safety practice.  |  |

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

| Physical State | Liquid    |
|----------------|-----------|
| Appearance     | Colorless |
| Oder           | Odorless  |

### **Property**

### pН Melting Point/Freezing Point Boiling Point/Boiling Range Flash Point **Evaporation Rate** Flammability (solid, gas) Flammability Limit in Air **Upper Flammability Limit** Lower Flammability Limit Vapor Pressure Vapor Density **Relative Density** Specific Gravity Water solubility Solubility in Other Solvents Partition Coefficient Autoignition Temperature **Decomposition Temperature** Kinematic Viscosity Dynamic Viscosity Explosive Properties **Oxidizing Properties**

### 9.2. Other information

| Softening  | Point  |
|------------|--------|
| Contorning | 1 0111 |

Molecular Weight VOC Content (%) Density Bulk Density ENG / EGHS

### <u>Values</u>

8.0 No information available 100 °C (212 °F) Not applicable No information available Not applicable Not applicable Not applicable Not applicable No information available No information available

No information available

Not applicable Not applicable Not applicable No information available Revision Date 11/5/20 Remarks / Method at 20 °C (68 °F)

Product is not self-igniting

Not explosive Not oxidizing

### Section 10: STABILITY AND REACTIVITY

10.1. Reactivity Reactivity No data available. 10.2. Chemical stability Stability Stable under Normal Conditions. 10.3. Possibility of hazardous reactions **Possibility of Hazardous Reactions** Non under normal processing. 10.4. Conditions to avoid **Conditions to Avoid** Incompatible materials. Ignition sources. Heat. Exposure to air or moisture over prolonged periods. 10.5. Incompatible materials **Incompatible Materials** Strong Oxidizing Agents. 10.6. Hazardous decomposition products

Hazardous Decomposition Products None known

### Section 11: TOXILOGICAL INFORMATION

### 11.1. Information on toxicological effects

### **Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

#### Information on toxicological effects

- Inhalation Avoid breathing vapors or mists. May cause irritation of respiratory tract.
- Eye Contact Redness. May cause slight irritation.
- Skin Contact Prolonged contact may cause redness and irritation. Repeated exposure may cause skin dryness or cracking.
- Ingestion May cause drowsiness or dizziness. Ingestion causes burns of the upper digestive and respiratory tracts. Symptoms include burning sensation, coughing, wheezing, shortness of breath, headache, nausea, and vomiting.

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

| Skin Corrosion/Irritation         | Mild                     |
|-----------------------------------|--------------------------|
| Serious Eye Damage/Eye Irritation | Mild                     |
| Irritation                        | Mild                     |
| Corrosivity                       | Mild                     |
| Respiratory or skin sensitization | No information available |
| Germ Cell Mutagenicity            | No information available |
| Carcinogenicity                   | No information available |

Reproductive Toxicity STOT - Single Exposure STOT - Repeated Exposure Aspiration Hazard No information available No information available No information available No information available

### Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

| Ecotoxicity (aquatic and terrestrial) | Do not empty into drains. |
|---------------------------------------|---------------------------|
|---------------------------------------|---------------------------|

12.2. Persistence and degradability

Persistence and Degradability No information available

12.3. Bioaccumulative potential

Bioaccumulative Potential No information available

12.4. Mobility in soil

Mobility in Soil No information available

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available

12.6. Other adverse effects

**Other Adverse Effects** 

Ozone depletion potential (ODP) No information available

### Section 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

| Relevant Information    | Keep out of drains, sewers, ditches and waterways.   |
|-------------------------|--|
| Disposal Considerations | Use a licensed professional waste disposal service to dispose of this product. Product may be dissolved in a combustible solvent or absorbed onto a combustible material and burned by a chemical incinerator. |
| Contaminated Packaging  | Empty containers must be tripled rinsed prior to disposal.   |

### Section 14: TRANSPORT INFORMATION

### IMDG

| 14.1 UN/ID no             | Not regulated  |
|---------------------------|----------------|
| 14.2 Proper shipping name | Not regulated  |
| 14.3 Hazard Class         | Not regulated  |
| 14.4 Packing Group        | Not regulated  |
| 14.5 Marine pollutant     | Not applicable |
| 14.6 Special Provisions   | None           |

| <u>RID</u><br>14.1 UN/ID no<br>14.2 Proper shipping name<br>14.3 Hazard Class<br>14.4 Packing Group<br>14.5 Environmental hazard                      | Not regulated<br>Not regulated<br>Not regulated<br>Not regulated<br>Not applicable                          |
|---|---|
| 14.6 Special Provisions   | None  |
| ADR<br>14.1 UN/ID no<br>14.2 Proper shipping name<br>14.3 Hazard Class<br>14.4 Packing Group<br>14.5 Environmental hazard<br>14.6 Special Provisions  | Not regulated<br>Not regulated<br>Not regulated<br>Not regulated<br>Not applicable<br>None                  |
| IATA<br>14.1 UN/ID no<br>14.2 Proper shipping name<br>14.3 Hazard Class<br>14.4 Packing Group<br>14.5 Environmental hazard<br>14.6 Special Provisions | Not regulated<br>Not regulated<br>Not regulated<br>Not regulated<br>Not regulated<br>Not applicable<br>None |

### Section 15: REGULATORY INFORMATION

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

### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

### Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

### International Inventories

TSCA Complies DSL Complies NDSL Complies

Legend TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### 15.2. Chemical safety assessment

### Chemical Safety Report No information available

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

### Section 16: OTHER INFORMATION

#### Training advice

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

| Prepared by                      | Daicel Arbor Biosciences  |
|----------------------------------|---|
|                                  | +1 (734) 998-0751   |
| Creation Date                    | March 01, 2017  |
| Revision Date                    | November 5, 2020  |
| Version                          | 02  |
| Revision Note SDS is valid three | (3) years from revision date. Contact info@arborbiosci.com for latest |
| revision.                        |   |

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

| Kit Component Name | P70a(2)-deGFP Positive Control Plasmid |
|--------------------|--|
| Product Number     | n/a                                    |

1.2. Relevant identified uses of the substance or mixture and uses advised against

| Recommended use      | For research use only    |
|----------------------|--------------------------|
| Uses advised against | No information available |

### 1.3. Details of the supplier of the safety data sheet

| Supplier Address | Daicel Arbor Biosciences<br>5840 Interface Drive, Suite 101<br>Ann Arbor, MI 48103<br>USA |
|------------------|---|
| Email            | <u>info@arborbiosci.com</u>   |
| Phone            | + 1 (734) 998-0751  |

#### 1.4. Emergency telephone number

### **Emergency Phone Number**

+1 (800) 222-1222 (American Association of Poison Control Centers) Available 24 hours everyday

### Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

There is no harmonized classification and there are no notified hazards by manufacturers, importers or downstream users for this product.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Daicel Arbor Biosciences P70a(2)-deGFP Positive Control Plasmid is dissolved in nuclease-free water.

| Chemical name          | EC No | CAS No    | Weight% | Classification according to<br>Regulation (EC) No.<br>1272/2008 [CLP] | REACH STATUS |
|------------------------|-------|-----------|---------|---|--------------|
| Deoxyribonucleic acids | n/a   | 9007-49-2 | 99      | n/a   | n/a          |

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.

### Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

### **General Advice**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove from exposure, lie down. Do not breathe dust/fume/gas/mist/vapors/spray.

- Inhalation Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
- Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Eye Contact Consult a physician.
- Skin Contact Wash skin with soap and water.
- Ingestion Clean mouth with water and drink afterwards plenty of water.
- 4.2. Most important symptoms and effects, both acute and delayed
- Symptoms No information available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Note to Physician Treat symptomatically.

### Section 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

| Suitable Extinguishing Media                               | Substance is non-flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |  |
|--|---|--|
| Unsuitable Extinguishing Media                             | CAUTION: Use of water spray when fighting fire may be inefficient.  |  |
| 5.2. Special hazards arising from the substance or mixture |   |  |
| Specific Hazards Arising from the<br>Chemical              | Thermal decomposition can lead to release of irritating gases and vapors.   |  |
| 5.3. Advice for firefighters                               |   |  |
| Special protective equipment for fire-fighters             | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.  |  |

### Section 6: ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing.

For emergency responders Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental Precautions** Should not be released into the environment.

### 6.3. Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Methods for Cleaning Up Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. This material and its container must be disposed of as hazardous waste.

Revision Date 11/5/20

### 6.4. Reference to other sections

| Reference to other sections | See section 8 for more information. See section 13 for more |
|-----------------------------|---|
|                             | information.  |

### Section 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

| Advice on Safe Handling   | Handle in accordance with good industrial hygiene and safety practice.  |  |
|---|---|--|
| 7.2. Conditions for safe storage, including any incompatibilities                                     |   |  |
| Storage Temperature   | Refer to the current version of the myTXTL Handbook available at <u>www.arborbiosci.com</u> for specific information. |  |
| Storage Conditions  | Keep/store only in original container. Keep tightly closed in a dry and cool place.                                   |  |
| Incompatible Materials  | None known based on information supplied.   |  |
| 7.3. Specific end use(s)  |   |  |
| <b>Risk Management Methods (RMM)</b> The information required is contained in this Safety Data Sheet. |   |  |

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

| Exposure Limits                             | This product, as supplied, does not contain any hazardous materials<br>with occupational exposure limits established by the region specific<br>regulatory bodies |
|---|--|
| Derived No Effect Level (DNEL               | .) No information available.   |
| Predicted No Effect<br>Concentration (PNEC) | No information available.  |
| 8.2. Exposure controls                      |  |
| Engineering Controls                        | Ensure adequate ventilation, especially in confined areas.   |

Ensure that eyewash stations are close to the workstation location. Ensure that showers are close to the workstation location.

### Personal protective equipment (PPE)

| Eye/face Protection            | Wear safety glasses with side shields (or goggles).                    |
|--------------------------------|--|
| Skin and Body Protection       | Wear suitable protective clothing and gloves.                          |
| Respiratory Protection         | Use in well ventilated areas.  |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. |

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Remarks / Method** 

#### 9.1. Information on basic physical and chemical properties

| Physical State | Liquid    |
|----------------|-----------|
| Appearance     | Colorless |
| Oder           | Odorless  |

### **Property**

| TTOPCILY                     | Values                   |                              |
|------------------------------|--------------------------|------------------------------|
| рН                           | Not applicable           |                              |
| Melting Point/Freezing Point | No information available |                              |
| Boiling Point/Boiling Range  | 100 °C (212 °F)          |                              |
| Flash Point                  | Not applicable           |                              |
| Evaporation Rate             | No information available |                              |
| Flammability (solid, gas)    | Not applicable           |                              |
| Flammability Limit in Air    | Not applicable           |                              |
| Upper Flammability Limit     | Not applicable           |                              |
| Lower Flammability Limit     | Not applicable           |                              |
| Vapor Pressure               | No information available |                              |
| Vapor Density                | No information available |                              |
| Relative Density             | No information available |                              |
| Specific Gravity             | No information available |                              |
| Water solubility             | No information available |                              |
| Solubility in Other Solvents | No information available |                              |
| Partition Coefficient        | No information available |                              |
| Autoignition Temperature     | -                        | Product is not self-igniting |
| Decomposition Temperature    | No information available |                              |
| Kinematic Viscosity          | No information available |                              |
| Dynamic Viscosity            | No information available |                              |
| Explosive Properties         | -                        | Not explosive                |
| Oxidizing Properties         | -                        | Not oxidizing                |
|                              |                          |                              |
| 9.2. Other information       |                          |                              |
| Softening Point              | No information available |                              |
|                              |                          |                              |
| Molecular Weight             | Not applicable           |                              |
| VOC Content (%)              | Not applicable           |                              |
|                              |                          |                              |

Values

Molecular Weight VOC Content (%) Density Bulk Density

### Section 10: STABILITY AND REACTIVITY

No information available

#### 10.1. Reactivity

Reactivity

No data available.

Not applicable

#### 10.2. Chemical stability

Stability

Stable under Normal Conditions.

moisture over prolonged periods.

Incompatible materials. Ignition sources. Heat. Exposure to air or

### 10.3. Possibility of hazardous reactions

**Possibility of Hazardous Reactions** None under normal processing.

### 10.4. Conditions to avoid

Conditions to Avoid

### 10.5. Incompatible materials

Incompatible Materials Strong Oxidizing Agents.

### 10.6. Hazardous decomposition products

Hazardous Decomposition Products None known

### Section 11: TOXILOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

#### Information on toxicological effects

- Inhalation Avoid breathing vapors or mists. May cause irritation of respiratory tract.
- Eye Contact Redness. May cause slight irritation.
- Skin Contact Prolonged contact may cause redness and irritation. Repeated exposure may cause skin dryness or cracking.
- Ingestion May cause drowsiness or dizziness. Ingestion causes burns of the upper digestive and respiratory tracts. Symptoms include burning sensation, coughing, wheezing, shortness of breath, headache, nausea, and vomiting.

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

| Skin Corrosion/Irritation<br>Serious Eye Damage/Eye Irritation | Mild<br>Mild   |
|--|--|
| Irritation   | Mild   |
| Corrosivity  | Mild   |
| Respiratory or skin sensitization                              | No information available                             |
| Germ Cell Mutagenicity   | No information available                             |
| Carcinogenicity  | No information available                             |
| Reproductive Toxicity  | No information available                             |
| STOT - Single Exposure   | No information available                             |
| STOT - Repeated Exposure<br>Aspiration Hazard                  | No information available<br>No information available |
| / opilation nazara   |  |

### Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

| Ecotoxicity (aquatic and terrestrial) | Do not empty into drains. |
|---------------------------------------|---------------------------|
| 12.2. Persistence and degradability   |                           |
| Persistence and Degradability         | No information available  |
| 12.3. Bioaccumulative potential       |                           |

Bioaccumulative Potential No information available

### 12.4. Mobility in soil

| Mobility in Soil                         | No information available                                    |  |
|--|---|--|
| 12.5. Results of PBT and vPvB assessment |   |  |
| PBT and vPvB assessment                  | No information available                                    |  |
| 12.6. Other adverse effects              |   |  |
| Other Adverse Effects                    | Ozone depletion potential (ODP)<br>No information available |  |

### Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

| Relevant Information    | Keep out of drains, sewers, ditches and waterways.   |
|-------------------------|--|
| Disposal Considerations | Use a licensed professional waste disposal service to dispose of this product. Product may be dissolved in a combustible solvent or absorbed onto a combustible material and burned by a chemical incinerator. |
| Contaminated Packaging  | Empty containers must be tripled rinsed prior to disposal.   |

## Section 14: TRANSPORT INFORMATION

### IMDG

| 14.1 UN/ID no             | Not regulated  |
|---------------------------|----------------|
| 14.2 Proper shipping name | Not regulated  |
| 14.3 Hazard Class         | Not regulated  |
| 14.4 Packing Group        | Not regulated  |
| 14.5 Marine pollutant     | Not applicable |
| 14.6 Special Provisions   | None           |
|                           |                |
| <u>RID</u>                |                |
| 14.1 UN/ID no             | Not regulated  |
| 14.2 Proper shipping name | Not regulated  |
| 14.3 Hazard Class         | Not regulated  |
| 14.4 Packing Group        | Not regulated  |
| 14.5 Environmental hazard | Not applicable |
| 14.6 Special Provisions   | None           |
|                           |                |
| <u>ADR</u>                |                |
| 14.1 UN/ID no             | Not regulated  |
| 14.2 Proper shipping name | Not regulated  |
| 14.3 Hazard Class         | Not regulated  |
| 14.4 Packing Group        | Not regulated  |
| 14.5 Environmental hazard | Not applicable |
|                           |                |
| <u>IATA</u>               | Not regulated  |
| 14.1 UN/ID no             | Not regulated  |
| 14.2 Proper shipping name | Not regulated  |
| 14.3 Hazard Class         | Not regulated  |
| 14.4 Packing Group        | Not regulated  |
| 14.5 Environmental hazard | Not applicable |
| 14.6 Special Provisions   | None           |
|                           |                |
|                           |                |

### Section 15: REGULATORY INFORMATION

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

#### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

#### Persistent Organic Pollutants Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

#### International Inventories

- TSCA Complies
- DSL Complies
- NDSL Complies

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### 15.2. Chemical safety assessment

Chemical Safety Report No information available

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Canadian NPRI Not Listed WHIMIS (Canada) Not Classified

### **Section 16: OTHER INFORMATION**

### Training advice

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

| Prepared by                  | Daicel Arbor Biosciences  |
|------------------------------|---|
|                              | +1 (734) 998-0751   |
| Creation Date                | March 01, 2017  |
| Revision Date                | November 5, 2020  |
| Version                      | 02  |
| Revision Note SDS is valid t | three (3) years from revision date. Contact <u>info@arbor.daicel.com</u> for latest |
| revision.                    |   |

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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### Disclaimer

IMPORTANT: The information in this SDS is provided in good faith based on our knowledge as of the creation date (or subsequent revision date, if any), and is to be used only as a guide. This SDS does not constitute a guarantee (express or implied) of any kind and we make no warranties or merchantability or

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End of Safety Data Sheet