# Box 1002127 Component SDS

## REF 1002127
Onyx® Curing Kit
Curing DNA – E. coli

<table>
<thead>
<tr>
<th>Consumable ID Number</th>
<th>Consumable Ref Number and Relevant Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1002128 Well 5</td>
</tr>
</tbody>
</table>

*Note: Consumable wells are numbered such that Well 1 is the well closest to the Chamfer*
SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product Form : Mixture
Product Name : 1002128 Well 5
SDS # : INSC-001-EU

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture : No use is specified.

1.2.2. Uses advised against
No additional information available

1.3. Details of the Supplier of the Safety Data Sheet
Supplier : Inscripta, Inc.
5764 Pacific Center Blvd
San Diego, CA 92121
www.inscripta.com

For further contact information, please contact:
Inscripta: 720-759-4088
info@inscripta.com

1.4. Emergency telephone number
Emergency number (24 hr) : INFOTRAC – 1-352-323-3500 (International); 1-800-535-5053 (North America)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
Regulation (EC) No. 1272/2008
Reproductivity toxicity Category 1B – (H360)

2.2. Label elements
Product Identifier
Hazard pictograms : 

Signal word : Danger
Hazard statements : H360 – May damage fertility or the unborn child
Precautionary statements : P201 – Obtain special instructions before use.
P202 – Do not handle until all safety precautions have been read and understood
P281 – Use personal protective equipment as required
P308 + P313 – IF exposed or concerned: Get medical advice/attention
P405 – Store locked up
P501 – Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards
No information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC No</th>
<th>CAS No</th>
<th>Weight %</th>
<th>Classification According to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>REACH Registration Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanamycin</td>
<td>Present</td>
<td>25389-94-0</td>
<td>5-10</td>
<td>Reproductive Toxicity 1B (H360) (Self-classification)</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>
Full text of H- and EUH-statements: see Section 16
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist of are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

Ingestion: Do NOT induce vomiting. Get medical attention if adverse health effects develop or persist.

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

Symptoms/effects: May damage fertility or the unborn child

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

Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to possible overexposure to materials other than this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None known

5.2. Special hazards arising from the substance or mixture

Fire hazard: No specific fire or explosion hazard.

Hazardous combustion products: None known

5.3. Advice for firefighters

Precautionary measures fire: Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions: Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk-through spilled material. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

6.1.1. For emergency responders

Protective equipment: Use personal protection recommended in Section 8.

6.2. Environmental precautions

: Avoid run off to waterways and sewers. See Section 12 for additional Ecological information

6.3. Methods and material for containment and cleaning up

For containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Absorb with liquid-binding material.
6.4. Reference to other sections
See Section 13: for DISPOSAL CONSIDERATIONS.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Advice on Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

General Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities
Storage Conditions: Keep labeled container tightly closed and upright. Keep frozen.

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.

8.2. Exposure controls
Personal protective equipment: Gloves. Protective clothing. Eye protection.

Eye and Face Protection: Wear eye/face protection
Hand Protection: Wear protective gloves.
Skin and body Protection: Wear suitable protective clothing.
Respiratory protection: Not required under normal use conditions

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>Liquid-Not applicable</td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapour Pressure</td>
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<td></td>
</tr>
<tr>
<td>Vapour Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>

1/03/2022 EN (English) 3/6
SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Not reactive under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid
Keep out of reach of children.

10.5. Incompatible materials
Strong oxidising agents.

10.6. Hazardous decomposition products
None under normal use conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute toxicity: Not classified (Based on available data, the classification criteria are not met)

Product Information
- Inhalation: Do not inhale.
- Eye Contact: Avoid contact with eyes.
- Skin Contact: Avoid contact with skin.
- Ingestion: Do not ingest.

The following values are calculated based on chapter 3.1 of the GHS document
- ATEmix (oral): 80,080.0000 mg/kg

Unknown Acute Toxicity
- 5% of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 0% of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 0% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 5% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
- 5% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanamycin</td>
<td>&gt; 4 g/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified.
Serious eye damage/eye irritation: Not classified.
Sensitisation: Not classified.
Germ cell mutagenicity: Not classified.
Carcinogenicity: Not classified.
Reproductive toxicity: May damage fertility or the unborn child.
STOT - single exposure: Not classified.
STOT - repeated exposure: Not classified.
Aspiration hazard: Not classified.
1002128 Well 5
Safety Data Sheet

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicty
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and degradability
: Not determined

12.3. Bioaccumulative potential
: There is no data for this product.

12.4. Mobility
: Not determined

12.5. Results of PBT and vPvB assessment
: Not determined

12.6. Other adverse effects
: Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste from residues/unused products
: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
: Improper disposal or reuse of this container may be dangerous and illegal.

SECTION 14: TRANSPORT INFORMATION

IMDG
14.2 Proper Shipping Name
Not regulated

RID
14.2 Proper Shipping Name
Not regulated

ADR
14.2 Proper Shipping Name
Not regulated

IATA
14.2 Proper Shipping Name
Not regulated

SECTION 15: REGULATORY INFORMATION

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

15.1.1. EU-Regulations
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.

Authorisations and/or restrictions on use:
This product does not contain substances subject to authorisation (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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>PICCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>AICS</th>
<th>KECL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanamycin</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
15.2. Chemical Safety Assessment
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3

H360 - May damage fertility or the unborn child

Legend
SVHC: Substances of Very High Concern for Authorisation:

<table>
<thead>
<tr>
<th>Legend</th>
<th>Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA</td>
<td>TWA (time-weighted average)</td>
</tr>
<tr>
<td>Ceiling</td>
<td>Maximum limit value</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
</tr>
<tr>
<td></td>
<td>STEL (Short Term Exposure Limit)</td>
</tr>
<tr>
<td></td>
<td>Skin designation</td>
</tr>
</tbody>
</table>

Classification Procedure
Calculation method

Issue Date:  30-Sep-2021

Revision Date:  30-Sep-2021

Revision Note:  New format.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830

Disclaimer
This information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet