

Box 1002127 Component SDS

REF 1002127
Onyx[®] Curing Kit
Curing DNA - E. coli

Consumable ID Number	Consumable Ref Number and Relevant Well
4	1002128 Well 5

*Note: Consumable wells are numbered such that Well 1 is the well closest to the Chamfer

1002128 Well 5

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of Issue: 11/03/2022



Version: 3.0

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

Chemical Name	EC No	CAS No	Weight %	Classification According to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Kanamycin	Present	25389-94-0	5-10	Reproductive Toxicity 1B (H360) (Self-classification)	Not Determined

Full text of H- and EUH-statements: see Section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (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 or 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

- Appropriate engineering controls** : Showers. Eyewash stations. Ventilation systems.
- 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**

Physical state	Liquid	Odour	Not determined
Appearance	Not determined	Odour Threshold	Not determined
Colour	Not determined		

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

Oxidising Properties

Not determined

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 toxicity.

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

5 % 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

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Kanamycin	> 4 g/kg (Rat)		

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.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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

Chemical name	TSCA	DSL/NDSL	EINECS/ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Kanamycin	-	-	X	X	-	X	X	X

1002128 Well 5

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830



25389-94-0 (5-10)							
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Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

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:

Legend

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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