

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 OSHA standard 1910.1200 HCS 2012

Date of Issue: 03/11/2022

Version: 2.0

SECTION 1: IDENTIFICATION

Product identifier

Product Name : 1002128 Well 5

Recommended use of the chemical and restrictions on use

Recommended Use

Recommended Use : For industrial use

Details of the supplier of the safety data sheet

Supplier Address

Inscripta, Inc.
5764 Pacific Center Blvd
San Diego, CA 92121
619-708-8130

www.inscripta.com

support@inscripta.com

Emergency telephone number

Emergency number : INFOTRAC 1-352-323-3500 International; 1-800-535-5053 North America

SECTION 2: HAZARDS IDENTIFICATION

Classification

Reproductive Toxicity : Category 1B

Hazard pictograms



Signal word

: Danger

Hazard statements

: May damage fertility or the unborn child

Precautionary statements -

: Obtain special instructions before use

Prevention

Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required

Precautionary statements – Response

: If exposed or concerned: Get medical advice/attention

Precautionary statements – Storage : Store in locked up

Precautionary statements – Disposal

: Dispose of contents/container to an approved waste disposal plant

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Name	Product identifier	Weight %
Kanamycin	(CAS-No.) 25389-94-0	5-10

If chemical name or CAS No is "proprietary" and/or Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

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.

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- 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 arrest occurs, provide artificial respiration or oxygen by trained personnel. It 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 a 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.

Most important symptoms and effects, both acute and delayed

- Symptoms/effects** : May damage fertility or the unborn child.

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

Extinguishing media

- Suitable extinguishing media** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

- Unsuitable extinguishing media** : None known.

Special hazards arising from the substance or mixture

- Fire / explosion hazard** : None known.

- Hazardous combustion products** : None known.

Advice for firefighters

- Protective equipment and precautions** : As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- General measures** : 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.

Environmental precautions

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

Methods and material for containment and cleaning up

- Methods for containment** : Prevent further leakage or spillage if safe to do so.

- Methods for clean up** : Absorb with liquid-binding material

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

- Precautions for safe handling** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use pr

Conditions for safe storage, including any incompatibilities

- Storage conditions** : Keep labeled container tightly closed and upright. Keep frozen.

- Incompatible materials** : Strong oxidizing agents.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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Control parameters

Exposure Guidelines : This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Exposure controls

Engineering controls : Showers, Eyewash stations, Ventilation systems

Individual protection measures

Eye and Face Protection : Wear eye/face protection.

Skin and body protection : Wear protective gloves and protective clothing.

Respiratory protection : None required under normal use.

General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practices

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Not determined
Color : Not determined
Odor : Not determined
Odor threshold : Not determined
pH : Not determined
Evaporation rate : Not determined
Melting point / Freezing point : Not determined
Boiling point / Boiling range : Not determined
Flash point : Not determined
Auto-ignition temperature : Not determined
Decomposition temperature : Not determined
Flammability (solid, gas) : Not determined
Vapour pressure : Not determined
Vapour density : Not determined
Relative density : Not determined
Solubility : Not determined
Partition coefficient: n-octanol/water : Not determined
Viscosity : Not determined
Explosive properties : Not determined
Oxidizing properties : Not determined
Explosive limits : Not determined

Other information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Keep out of reach of children.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

SECTION 11: TOXICOLOGICAL INFORMATION

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Information on likely routes of exposure

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

Component information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Kanamycin 25389-94-0	➤ 4 g/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms : Please see Section 4 of this SDS for symptoms.

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

Carcinogenicity : This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Reproductive Toxicity : May damage fertility or the unborn child

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

Oral LD50 : 80,080.0000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

: This 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.

Persistence and degradability

: Not determined.

Bioaccumulative potential

: There is no data for this product.

Mobility in soil

: Not determined.

Other adverse effects

: Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of Wastes / Contaminated packaging : Dispose of contents/container in accordance with local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

Note : Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT : Not Regulated

IATA : Not Regulated

IMDG : Not Regulated

SECTION 15: REGULATORY INFORMATION

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International Inventories

Chemical Name	TSC A	TSCA Inventory Status	DSL/NDSL L	EINECS/E LINCS	ENCS	IECS C	KECL	PICC S	AICS
Kanamycin				X		X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECS - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined

Issue Date	: 09/30/2021
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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