# Safety Data Sheet 

Cat. \# 786-059

Yeast tRNA ( $10 \mathrm{mg} / \mathrm{ml}$ )

Size: 1.0 ml

## Yeast tRNA (10mg/ml)

## Safety Data Sheet

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier

| Product form | : Mixture |
| :--- | :--- |
| Product name | $:$ Yeast tRNA $(10 \mathrm{mg} / \mathrm{ml})$ |
| Product code | $: 058 \mathrm{Y}$ |
| Product group | : Blend |

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

No additional information available
1.2.2. Uses advised against

No additional information available
1.3. Details of the supplier of the safety data sheet

Geno Technology, Inc./ G-Biosciences
9800 Page Avenue
63132-1429 Saint Louis - United States
T 800-628-7730-F 314-991-1504
technical@GBiosciences.com - www.GBiosciences.com
1.4. Emergency telephone number

Emergency number
Chemtrec 1-800-424-9300 (USA/Canada), +1-703-527-3887 (Intl)

## SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects
To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]
No labelling applicable
2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients
3.1. Substances

Not applicable
3.2. Mixtures

| Name | Product identifier | \% | Classification according to <br> Regulation (EC) No. <br> 1272/2008 [CLP] |
| :--- | :--- | :--- | :--- |
| Deionized water | (CAS-No.) 7732-18-5 | (CAS-No.) 63231-63-0 | $0.5-2$ |

## SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation
First-aid measures after skin contact
Remove person to fresh air and keep comfortable for breathing

First-aid measures after eye contact
: Wash skin with plenty of water.

First-aid measures after ingestion
: Rinse eyes with water as a precaution.
: Call a poison center or a doctor if you feel unwell
4.2. Most important symptoms and effects, both acute and delayed

No additional information available
4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

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Safety Data Sheet

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SECTION 5: Firefighting measures
5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.
5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire
: Toxic fumes may be released.
5.3. Advice for firefighters

Protection during firefighting
: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel

Emergency procedures
: Ventilate spillage area
6.1.2. For emergency responders

Protective equipment
Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.
6.3. Methods and material for containment and cleaning up Methods for cleaning up Mechanically recover the product.

Other information
Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections

For further information refer to section 13

SECTION 7: Handling and storage
7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.
7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available
8.2. Exposure controls

## Appropriate engineering controls:

Ensure good ventilation of the work station.

| Hand protection: |
| :--- |
| Protective gloves |
| Eye protection: |
| Safety glasses |
| Skin and body protection: |
| Wear suitable protective clothing |
| Respiratory protection: |
| In case of insufficient ventilation, wear suitable respiratory equipment |

## Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
: Solid
Colour : No data available
Odour : No data available

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| Odour threshold | : No data available |
| :---: | :---: |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : Not applicable |
| Boiling point | : No data available |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapour pressure | : No data available |
| Relative vapour density at $20^{\circ} \mathrm{C}$ | : No data available |
| Relative density | : Not applicable |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : Not applicable |

9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability

Stable under normal conditions.
10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7)
10.5. Incompatible materials

No additional information available
10.6. Hazardous decomposition products

Hazardous decomposition products.

## SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)
: Not classified
Acute toxicity (dermal)
: Not classified
Acute toxicity (inhalation)
: Not classified
Skin corrosion/irritation
: Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

## SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

Acute aquatic toxicity
Chronic aquatic toxicity
: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
: Not classified
: Not classified

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## Safety Data Sheet

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12.2. Persistence and degradability

No additional information available
12.3. Bioaccumulative potential

No additional information available
12.4. Mobility in soil

No additional information available
12.5. Results of PBT and vPvB assessment

No additional information available
12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste treatment methods : Waste treatment methods.

SECTION 14: Transport information
In accordance with ADR / RID / IMDG / IATA / ADN
14.1. UN number

| UN-No. (ADR) | : Not applicable |
| :--- | :--- |
| UN-No. (IMDG) | : Not applicable |
| UN-No. (IATA) | : Not applicable |
| UN-No. (ADN) | : Not applicable |
| UN-No. (RID) | : Not applicable |
| 14.2. UN proper shipping name |  |
| Proper Shipping Name (ADR) | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |
| Proper Shipping Name (IATA) | : Not applicable |
| Proper Shipping Name (ADN) | : Not applicable |
| Proper Shipping Name (RID) | : Not applicable |

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

## IMDG

Transport hazard class(es) (IMDG) : Not applicable

## IATA

Transport hazard class(es) (IATA) : Not applicable
ADN
Transport hazard class(es) (ADN) : Not applicable

## RID

Transport hazard class(es) (RID) : Not applicable
14.4. Packing group : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable
14.5. Environmental hazards : No
Dangerous for the environment

Marine pollutant : No
Other information : No supplementary information available
14.6. Special precautions for user

## Overland transport

Not applicable
Transport by sea
Not applicable
Air transport
Not applicable

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Inland waterway transport
Not applicable
Rail transport
Not applicable
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.
Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.
15.1.2. National regulations

Not listed on the United States TSCA (Toxic Substances Control Act) inventory
15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Safety Data Sheet applicable for regions : GB - United Kingdom

SDS EU (REACH Annex II)
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

