

SAFETY DATA SHEET

Date Created 04/21/2022
Date Updated
Version 01

Section 1 - Chemical Product and Company Identification

1.1. Identification of the substance or mixture

Product code KIOK5
Product name ssDNA_TRAC_EGFP

1.2. Company/undertaking identification

GenScript Technologies

1.3. 24 hour Emergency Response

Emergency Phone # 1-732-885-9188
Telephone 1-877-436-7274
Fax 1-732-210-0262
E-mail address oligo@genscript.com
Web <http://www.genscript.com>

1.4. For Research Use Only. Not for use in diagnostic or therapeutic procedures.

Section 2 - Hazards identification

2.1. GHS - Classification

GHS Signal Word Not applicable
GHS Hazard Phrases Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS
GHS Health hazards Not applicable.
GHS Physical hazards Not applicable
GHS Storage and Disposal Phrases Please refer to Section 7 for Storage and Section 13 for Disposal information.

2.2. Effects and Symptoms

Adverse to Human Health Material may be irritating to the mucous membranes and upper respiratory tract.
May be harmful by inhalation, ingestion, or skin absorption.
May cause eye, skin, or respiratory system irritation.
To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

2.3. HMIS

Health 1
Flammability 1
Reactivity 0

860 Centennial Ave., Piscataway, NJ 08854, USA

Toll-Free: 1-877-436-7274 Tel: 1-732-885-9188 Fax: 1-732-210-0262 Email: order@genscript.com Web: www.genscript.com

Confidential

Section 3- Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4 - First aid measures

| | |
|----------------------|---|
| Eye Contact | Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used |
| Skin Contact | After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing |
| Serious Skin Contact | Not available |
| Inhalation | Allow the victim to rest in a well-ventilated area. Seek immediate medical attention. |
| Serious Inhalation | Not available |
| Ingestion | Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention. |
| Serious Ingestion | Not available |

Section 5 - Fire and Explosion Data

| | |
|--|----------------|
| Auto-Ignition Temperature | Not available. |
| Flash Points | Not available |
| Flammable Limits | Not available |
| Fire Hazards in Presence of Various Substances | Not available |
| Special Remarks on Fire Hazards | Not available |
| Special Remarks on Explosion Hazards | Not available |

Section 6- Accidental release measures

| | |
|---------------------------|---|
| Personal precautions | Use personal protection equipment. |
| Methods for cleaning up | Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. |
| Environmental precautions | No special environmental precautions required. See Section 12 for more information. |

Section 7- Handling and storage

860 Centennial Ave., Piscataway, NJ 08854, USA

Toll-Free: 1-877-436-7274 Tel: 1-732-885-9188 Fax: 1-732-210-0262 Email: order@genscript.com Web: www.genscript.com

Confidential

| | |
|----------|--|
| Handling | Avoid inhalation. Avoid contact with eyes, skin, and clothing. Always wear recommended Personal Protective Equipment. |
| Storage | Store in a cool dry place, prolonged storage at -80°C. |

Section 8- Exposure controls/personal protection

8.1. Exposure Limits

We are not aware of any national exposure limit.

8.2. Engineering measures

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

8.3. Personal Protective Equipment

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

Hand protection

Impervious gloves.

Eye protection

Safety glasses.

Skin and Body Protection

Lab coat. Protective Clothing (Pictograms)



Hygiene measures

Wash thoroughly after handling.

8.4. Environmental exposure controls

No special environmental precautions required.

Section 9- Physical and chemical properties

| | |
|-------------------------------|--|
| Form | Lyophilized |
| Appearance | Translucent or opaque flake, film or powder like substance |
| Odor | No data available |
| Odor Threshold | No data available |
| Boiling point / boiling range | °C No data available °F No data available |
| Melting point / melting range | °C No data available °F No data available |
| flash point: | °C No data available °F No data available |
| Autoignition Temperature | °C No data available °F No data available |
| Oxidizing properties | No data available |
| Water solubility | Soluble |

Section 10 - Stability and reactivity

| | |
|-------------------------|---|
| Reactivity | No adverse reactions have been reported |
| Stability | Stable under normal conditions. |
| Materials to avoid | No dangerous reaction known under conditions of normal use. |
| Hazardous decomposition | Not Available. |
| Products polymerization | Not Available. |

Section 11-Toxicological information

11.1. Acute Toxicity

No toxicology information is available.

11.2. Principle Routes of Exposure Potential Health Effects

| | |
|-----------------------|--|
| eyes | May cause eye irritation with susceptible persons. |
| Skin | May cause skin irritation in susceptible persons. |
| inhalation | Material may be irritating to mucous membranes and upper respiratory tract, May be harmful if inhaled. |
| Ingestion | May be harmful if swallowed. |
| Carcinogenic effects | None. |
| Mutagenic effects | None. |
| Reproductive toxicity | None. |
| Sensitization | None. |

Section 12 - Ecological information

| | |
|-----------------|---------------------------|
| Ecotoxicity | No information available. |
| Mobility | No information available. |
| Biodegradation | No information available. |
| Bioaccumulation | No information available. |

Section 13- Disposal considerations

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14 - Transport information

| | |
|----------------------|---------------|
| IATA | None known |
| Proper Shipping Name | Not available |
| Hazard Class | None |
| Subsidiary class | None |

| | |
|---------------|------|
| Packing group | None |
| UN-No | None |

Section 15 - Regulatory information

15.1. US Federal Regulations

SARA 313

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

SARA 313 toxic chemical notification and release reporting: No products were found.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): This product does not contains HAPs.

15.2. US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

15.3. WHMIS Hazard Class

This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE"