

## SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION

|                        |                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------|
| Product Name:          | GeneSwift Kit – GoI                                                                                               |
| Gator Part Number:     | 350006                                                                                                            |
| Unit of Measure:       | Box                                                                                                               |
| Recommended Use:       | Laboratory reagent, for research and development use only. Not for human or animal therapeutic or diagnostic use. |
| Manufacturer/Supplier: | Gator Bio, 2455 Faber Place, Palo Alto, CA 94303 USA                                                              |
| Phone:                 | 1-855-208-0743                                                                                                    |

### SECTION 2: HAZARDS IDENTIFICATION

Classification of the mixture (Kit):

This product is a kit containing multiple components. The hazard classification is based on the hazardous component, GeneSwift Substrate and GeneSwift Diluent.

|                   |                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OSHA HazCom 2012: | Flammable liquids Category 2<br>Acute toxicity (oral) Category 4<br>Acute toxicity (inhalation:dust,mist) Category 4<br>Serious eye damage/eye irritation Category 2<br>Carcinogenicity Category 1B |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard Statement: | H225: Highly flammable liquid and vapor.<br>H302: Harmful if swallowed.<br>H332: Harmful if inhaled.<br>H319: Causes serious eye irritation.<br>H350: May cause cancer. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Pictogram(s):

|              |        |
|--------------|--------|
| Signal Word: | Danger |
|--------------|--------|

Precautionary Statement(s):

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 Wash hands, forearms and face thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.



### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

|                         |            |                      |
|-------------------------|------------|----------------------|
| Substance/mixture:      | Mixture    |                      |
| Chemical Name           | CAS Number | Concentration (w/v%) |
| Trade secret component* |            | 30-40%               |

\* The specific chemical component identities and/or the exact component percentages of this material have been withheld as trade secrets in accordance with the provisions of 29 CFR 1910.1200(i). This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200(i)(1)..

### SECTION 4: FIRST-AID MEASURES

|               |                                                                                                                                                                                                                                                     |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General:      | IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor/physician if you feel unwell.                                                                                                                                    |
| Eye Contact:  | IF IN EYES: Rinse cautiously with water for several minutes (at least 15 minutes). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.                                    |
| Skin Contact: | Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15-20 minutes. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.                                          |
| Ingestion:    | Rinse mouth thoroughly. Do NOT induce vomiting unless directed to do so by medical personnel. Call a Poison Center or doctor/physician immediately. Never give anything by mouth to an unconscious person.                                          |
| Inhalation:   | Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, administer oxygen. If not breathing, perform artificial respiration. Call a Poison Center or doctor/physician immediately if symptoms develop or persist. |

### SECTION 5: FIRE-FIGHTING MEASURES

|                                                   |                                                                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media:                     | Use extinguishing measures appropriate for the surrounding fire, such as water spray, dry chemical, carbon dioxide, or foam.           |
| Specific Hazards Arising from the Chemical:       |                                                                                                                                        |
| Fire hazard:                                      | Highly flammable liquid and vapor.                                                                                                     |
| Hazardous decomposition products in case of fire: | Toxic fumes may be released.                                                                                                           |
| Special Protective Equipment and Precautions:     | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

|                            |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Non-emergency Personnel:   | Eliminate all ignition sources (no smoking, sparks, or open flames) in the area. Evacuate personnel until the spill is cleaned. Ensure adequate ventilation.                                                                                                                                                                                          |
| Emergency Responders:      | Wear appropriate Personal Protective Equipment (PPE) as specified in Section 8 (gloves, eye protection, lab coat). Use non-sparking tools for cleanup.                                                                                                                                                                                                |
| Protective Equipment:      | Wear appropriate personal protective equipment as outlined in Section 8.                                                                                                                                                                                                                                                                              |
| Spill and Cleaning Up:     | Absorb the small spill immediately using a suitable inert, non-combustible absorbent material (e.g., vermiculite, sand, or bench paper). Collect the absorbed material using non-sparking tools and place it in a properly labeled, sealed chemical waste container. Thoroughly ventilate the area and wash the spill site after cleanup is complete. |
| Environmental Precautions: | Refer to Section 13 for proper disposal instructions.                                                                                                                                                                                                                                                                                                 |



## SECTION 7: HANDLING AND STORAGE

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for Safe Handling: | Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. |
| Hygiene measures :             | Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Conditions for Safe Storage:   | Store at 2-8°C in a refrigerator for Part 1 of the kit. Store room temperature for Part 2 of the kit. Store in a well-ventilated place. Keep container tightly closed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| Exposure limits:              | None established for this mixture.                                         |
| Personal protection measures: |                                                                            |
| - Eye/Face Protection:        | Chemical safety goggles.                                                   |
| - Skin Protection:            | Wear appropriate chemical-resistant gloves (e.g., nitrile) and a lab coat. |
| - Respiratory Protection:     | Normal lab ventilation.                                                    |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                              |                                                                      |
|------------------------------|----------------------------------------------------------------------|
| Physical state:              | Liquid                                                               |
| Color:                       | Pale red-purple for GeneSwift Substrate. Clear for GenSwift Diluent. |
| Odor:                        | Odorless                                                             |
| Initial Boiling Point/Range: | > 178°F (estimated value)                                            |
| Flammability (solid, gas):   | Not applicable                                                       |
| Auto-ignition temperature:   | ≈ 970 °F estimated value                                             |

## SECTION 10: STABILITY AND REACTIVITY

|                               |                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------|
| Reactivity:                   | Highly flammable liquid and vapor.                                                              |
| Chemical Stability:           | Stable under recommended storage conditions.                                                    |
| Possible Hazardous Reactions: | No dangerous reactions known under normal conditions of use.                                    |
| Condition to avoid:           | Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. |

## SECTION 11: TOXICOLOGICAL INFORMATION

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Acute Toxicity:                    | Harmful if swallowed. Harmful if inhaled. |
| Skin Corrosion/Irritation:         | Not classified.                           |
| Serious Eye Damage/Irritation:     | Causes serious eye irritation.            |
| Respiratory or Skin Sensitization: | Not classified.                           |
| Germ Cell Mutagenicity:            | Not classified.                           |
| Carcinogenicity:                   | May cause cancer.                         |
| Reproductive Toxicity:             | Not classified.                           |



## SECTION 12: ECOLOGICAL INFORMATION

|                                |                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity:                   | The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
| Persistence and Degradability: | No additional information available.                                                                                 |
| Bioaccumulative Potential:     | No additional information available.                                                                                 |
| Mobility in Soil:              | No additional information available.                                                                                 |
| Other Adverse Effects:         | No additional information available.                                                                                 |

## SECTION 13: DISPOSAL CONSIDERATIONS

|                          |                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste Treatment Methods: | Dispose of contents and containers in accordance with local, regional, national, and international regulations. Chemical waste generators must determine if a discarded chemical is classified as a hazardous waste. |
| Additional information : | Flammable vapors may accumulate in the container.                                                                                                                                                                    |

## SECTION 14: TRANSPORT INFORMATION

|                        |                                        |
|------------------------|----------------------------------------|
| DOT (US):              | Not regulated as a hazardous material. |
| IATA:                  | Not regulated as a hazardous material. |
| IMDG:                  | Not regulated as a hazardous material. |
| Special Precautions:   | Not applicable.                        |
| Hazard Class:          | Not determined.                        |
| Identification Number: | Not determined.                        |
| Packing Group:         | Not classified.                        |

## SECTION 15: REGULATORY INFORMATION

SARA 313: This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16: OTHER INFORMATION

SDS Creation Date: November 5, 2025

Disclaimer: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their purposes. In no event shall Gator Bio be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, howsoever arising, even if Gator Bio has been advised of the possibility of such damages.