

## Section 1. Identification

### Product Identifier

Catalog Number: 83216, 83316, 83416

### Recommended use of the chemical and restrictions on use

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Manufacture/Supplier Details: Integrated DNA Technologies  
1710 Commercial Park  
Coralville Iowa, 52241

### Emergency Telephone Numbers

CHEMTREC Emergency Phone Number: 1-800-424-9300

*Chemtrec should only be called in a chemical emergency (spill, leak, fire, exposure, or accident)*

## Section 2. Hazard Identification

Classification of the substance/mixture: Not a hazardous substance or mixture.

### GHS Label elements, including precautionary statements

The substance is classified and labeled according to the Globally Harmonized System (GHS). Not a hazardous substance or mixture.

Hazard statements: None

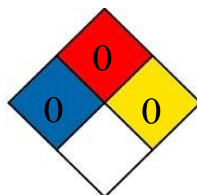
Signal word: None

Precautionary Statements: None

HMIS rating (Scale 0-4):

HEALTH	0
FIRE	0
REACTIVITY	0

NFPA Rating:



Hazards not otherwise classified: None

## 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

Description of necessary measures

Inhalation: Move to fresh air. If symptoms persist, get medical attention.

Skin Contact: Wash skin with soap and water. If irritation is present, get medical attention.

Eye: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation is present, get medical attention.

Ingestion: Clean mouth with water. Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. If symptoms persist, get medical attention.

#### Most important symptoms/effects, acute and delayed

No further relevant information available

#### Indication of any immediate medical attention and special treatment needed

All treatment should be based on observed sign and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

#### Section 5. Fire Fighting Measures

##### Extinguishing media

Suitable extinguishing media: Carbon dioxide, dry chemical, or appropriate foam.

Unsuitable Extinguishing: None known

##### Special hazards arising from the substance or mixture

Unusual fire and explosion hazards: None known.

Hazardous Combustions products: None known.

Special protective equipment and precautions for the fire-fighters: As in any fire, wear self-contained breathing apparatus and protective gear.

#### Section 6. Accidental Release Measures

##### Personal precautions, protective equipment and emergency procedures

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

Avoid run off to waterways and sewers.



**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and put in appropriate container for waste disposal. Wash contaminated clothing before reuse.

Section 7. Handling and Storage

**Precautions for safe handling:**

Avoid inhalation and prolonged exposure. Use personal protective equipment such as gloves, goggles, and lab coat. Avoid contact with eyes, skin, and clothing.

**Conditions for safe storage, including and incompatibilities**

**Storage:**

Keep tightly closed in properly labeled containers; store in a dry place, at directed temperature indicated on label.

**Incompatible materials or Ignition sources:**

None known.

Section 8. Exposure Controls/Personal Protection

**Control Parameters**

Occupational exposure limit values: Does not contain any hazardous materials with established occupational exposure limits.  
Appropriate engineering controls: Safety shower and eye wash. Ensure adequate ventilation.

**Personal protective equipment**

Eye protection: Safety glasses with side shields.  
Hand Protection: Impervious gloves.  
Respiratory Protection: None required under normal working conditions in use.  
Skin and body protection: Lightweight protective clothing.  
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and Chemical Properties

Appearance: Clear  
Odor: Faint  
Odor Threshold: No data available  
pH: 5.5-8.0  
Melting point/freezing point: No data available



Initial boiling point & boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Partition coefficient:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density (water):	No data available
Solubility:	Soluble in water
Upper/lower flammability or explosive limits:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Other information:	Liquid

## Section 10. Stability and Reactivity

Reactivity:	Avoid strong oxidizing agents and strong bases.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions should not occur.
Conditions to avoid:	Protect from heat and moisture.
Incompatible materials:	No specific data
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide, carbon dioxide, nitrogen oxides, carbon oxides.

## Section 11. Toxicological Information

### Information on toxicological effects

**Acute toxicity:** The toxicological properties of this material have not been investigated. For research use only.

#### **Irritation/Corrosion:**

Sensitization:	Not available
Mutagenicity:	Not available

#### **Carcinogenicity:**

Product/Ingredient Name	OSHA	IARC	NTP
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Index	None of the ingredients listed	None of the ingredients listed	None of the ingredients listed
Reproductive toxicity:		Not available	
Teratogenicity:		Not available	
Specific target organ toxicity- single exposure		Not available	
Specific target organ toxicity- repeated exposure		Not available	
Aspiration Hazard		Not available	

**Information on the likely routes of exposure**

Routes of entry anticipated: Oral                      May be harmful if swallowed

**Notes:** Water hazard class 1 (self-assessment): slightly hazardous for water

**Symptoms related to the physical, chemical and toxicological characteristics**

- Eye contact:**    May cause eye irritation with susceptible persons.
- Inhalation:**    May be harmful by inhalation.
- Skin contact:**    May cause skin irritation in susceptible persons.
- Ingestion:**    May be harmful if swallowed
- Aspiration Hazard:**                                      Not available

**Delayed and immediate effects and also chronic effects from short- and long-term exposure**

No known significant effects or critical hazards.

**Numerical measures of toxicity**

Not available

**Section 12. Ecological Information**

- Ecotoxicity:**    Not available
- Persistence and degradability:**                      Not available
- Bioaccumulative potential:**                              Not available
- Mobility in soil:**    Not available
- Other adverse effects:**                                      Not available
- Aspiration Hazard:**                                      No known significant effects or critical hazards.

**Section 13. Disposal Considerations**

**Waste treatment methods**



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**Product waste:** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

**Packaging waste:** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

Section 14. Transport Information

	UN Number	UN proper shipping name	Transport hazard class(es)	Packaging group	Environmental Hazards
<b>DOT</b>	Not regulated	No information available	No information available	No information available	None
<b>IMDG</b>	Not regulated	No information available	No information available	No information available	None
<b>IATA</b>	Not regulated	No information available	No information available	No information available	None

**Transport in bulk according to Annex II of Marpol 73/78 and the IBC code**

This product is provided only in non-bulk containers

**Special Precautions for user**

None specified

**IATA:** Classified as non-hazardous in the meaning of transport regulations.

**DOT:** This substance is considered to be non-hazardous for transport. No shipping name required.

<b>Hazard Class:</b>	None
<b>Subsidiary Class:</b>	None
<b>Packing group:</b>	None
<b>UN-No:</b>	None
<b>Marine Pollutant:</b>	None

Section 15. Regulatory Information

**Safety health and environmental regulations/ legislation specific for the substance or mixture**

<b>SARA:</b>	This product is not regulated by SARA.
<b>Section 355 (Extremely hazardous substances):</b>	This product is not regulated by SARA.
<b>Section 313 (Specific toxic chemical listings):</b>	This product is not regulated by SARA.
<b>SARA 311/312 Hazards:</b>	This product is not regulated by SARA.
<b>TSCA (Toxic substances control act):</b>	Complies
<b>TLV (Threshold limit value established by ACGIH):</b>	Not available.
<b>NIOSH-CA (National institute for occupational safety and health)</b>	Not available.
<b>OSHA-CA (occupational safety &amp; health administration):</b>	Not available.
<b>GHS label elements:</b>	The product is classified and labeled according to the Globally Harmonized System (GHS).
<b>State right to know:</b>	This product does not contain chemicals listed under California Proposition 65.



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

## Section 16. Other Information

**Disclaimer/Statement of Liability:** The information contained herein is believed to be accurate but is not warranted to be so. Data and calculation are based on information furnished by the manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in section 1.

### **Warranty**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Swift Biosciences, Inc Shall not be held liable for any damage resulting from handling or from contact with the above product. Swift Biosciences, Inc

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**END OF SDS**