



## TransPLUS Reagent

### 1. Identification of the substance/mixture and of the company/undertaking

Preparation Name: TransPLUS Reagent  
Product code: SM502-1000B, SM502-0100B  
Use of the preparation: For laboratory use.  
Transfect plasmid DNA into cell lines.  
Company identification: Simply Biologics, Inc.  
Website: [www.simplybiologics.com](http://www.simplybiologics.com)

### 2. Hazards identification

GHS – Classification

Signal Word

not hazardous

Health Hazard

not hazardous

Physical Hazards

not hazardous

Principle Routes of Exposure/

Potential Health effects

Eyes	none
Skin	none
Inhalation	none
Ingestion	none

Target Organ Effects      No known effects under normal use conditions.

HMIS

Health	0
Flammability	0
Reactivity	0

Health Hazard

### 3. Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

### 4. First aid measures

Skin contact	Rinse with plenty of water. If symptoms arise, call a physician
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Inhalation	Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
Notes to physician	Treat symptomatically.

### 5. Fire-fighting measures

Suitable extinguishing media	Water spray. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

### 6. Accidental release measures

Personal precautions	Use personal protective equipment.
Methods for cleaning up	Soak up with inert absorbent material.



# Safety Data Sheet

## Environmental precautions

Prevent further leakage or spillage if safe to do so.  
See Section 12 for additional information.

## 7. Handling and storage

Handling Always wear recommended Personal Protective Equipment.  
No special handling advice required.  
Storage Keep in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

Exposure limits We are not aware of any national exposure limit.  
Engineering measures Ensure adequate ventilation, especially in confined areas.  
Personal protective equipment  
Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.  
Hand protection Impervious gloves.  
Eye contact Safety glasses with side-shields  
Skin and body protection Lightweight protective clothing.  
Hygiene measures Handle in accordance with good industrial hygiene and safety practice.  
Environmental exposure controls Prevent product from entering drains.

## 9. Physical and chemical properties

### General Information

Form	liquid	
Appearance	No information available	
Odor	No information available	
Boiling Point/Range	°C no data available	°F no data available
Melting point/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 information available.	
Water solubility	soluble	

## 10. Stability and reactivity

Stability Stable under normal conditions.  
Materials to avoid No dangerous reaction known under conditions of normal use.  
Hazardous decomposition products None under normal use  
Polymerization Hazardous polymerisation does not occur.

## 11. Toxicological information Principle Routes of Exposure/

### Acute toxicity

### Principle Routes of Exposure/

### Potential Health effects

Eyes May cause eye irritation with susceptible persons.  
Skin May cause skin irritation in susceptible persons.  
Inhalation May be harmful by inhalation.  
Ingestion May be harmful if swallowed.  
Carcinogenic effects none  
Mutagenic effects none



# Safety Data Sheet

Reproductive toxicity      none  
Sensitization                none  
Target Organ Effects        No known effects under normal use conditions.

## 12. Ecological information

Ecotoxicity effects        No information available.  
Mobility                    No information available.  
Biodegradation            Inherently biodegradable  
Bioaccumulation          Does not bioaccumulate.

## 13. Disposal considerations

Dispose of in accordance with local regulations.

## 14. Transport information

IATA

Proper shipping name      Not classified as dangerous in the meaning of transport regulations  
Hazard class                none  
Subsidiary Class            none  
Packing group              none  
UN-No                        none

## 15. Regulatory information

U.S. Federal Regulations

SARA 313

This product is not regulated by SARA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

U.S. State Regulations

California Proposition 65

This product does not contain chemicals listed under Proposition 65

California Proposition 65

This product does not contain chemicals listed under Proposition 65

WHMIS Hazard Class

Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

## 16. Other information

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

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 be present unknown hazards and should be used with caution. Since Simply Biologics, Inc. 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.

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