



# Material Safety Data Sheet

## 2X Reaction Mix

### 1. IDENTIFICATION OF THE PREPARATION/SUBSTANCE AND OF THE COMPANY

Preparation Name: 2X Reaction Mix

Product code: SM300-0050b, SM300-0010b

Use of the preparation:

For laboratory use.

Company identification:

Simply Biologics, Inc.

Website: [www.simplybiologics.com](http://www.simplybiologics.com)

### 2. COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

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

### 3. HAZARDS IDENTIFICATION

Emergency Overview

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

Form

Liquid

Principle Routes of Exposure/ Potential Health effects

Eyes No information available

Skin No information available

Inhalation No information available

Ingestion No information available

Specific effects

Carcinogenic effects No information available

Mutagenic effects No information available

Reproductive toxicity No information available

Sensitization No information available

Target Organ Effects No information available

HMIS

Health 0

Reactivity 0

Flammability 0



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## 4. FIRST-AID MEASURES

Skin contact	Wash off immediately with plenty of water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion	Never give anything by mouth to an unconscious person.
Inhalation	Move to fresh air.
Notes to physician	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	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.

## 7. HANDLING AND STORAGE

Handling	No special handling advice required
Storage	Keep in properly labelled container

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls	
Exposure limits	
Engineering measures	Ensure adequate ventilation, especially in confined areas
Personal protective equipment	
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment
Hand protection	Protective gloves
Eye protection	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

### Important Health Safety and Environmental Information

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	No data available	



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## 10. STABILITY AND REACTIVITY

Stability	Stable.
Materials to avoid	No information available
Hazardous decomposition products	No information available
Polymerization	Hazardous polymerisation does not occur.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity	
Principle Routes of Exposure/ Potential Health effects	
Eyes	No information available
Skin	No information available
Inhalation	No information available
Ingestion	No information available
Specific effects	
Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available
Target Organ Effects	No information available

## 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	No information available
Subsidiary Class	No information available
Packing group	No information available
UN-No	No information available



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## **15. 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. Corporation 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 above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Simply Biologics, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.