



# Safety Data Sheet

## UltraTRAX™ Transfection Reagent

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

Preparation Name: UltraTRAX™ Transfection Reagent

Product code: SM508-1000, SM508-0100

Use of the preparation:

For laboratory use.

Suitable for use as 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	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.

Specific effects

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

HMIS

Health	0
Flammability	0
Reactivity	0

### 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.



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## 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 measure

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

### 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	liquid	
Appearance No information available	No information available	
Odor	No information available	
Boiling Point/Range	°C no data available	°F no data available



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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

Acute toxicity not hazardous

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

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



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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.