



# Safety Data Sheet

## 0.25% Trypsin, 1X

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

Preparation Name: 0.25% Trypsin, 1X

Catalogue number of the product: CC510-0100

Use of the preparation:

For laboratory use.

Company identification:

GeneDireX, Inc.

Site: <http://www.genedirex.com>

### 2. HAZARDS IDENTIFICATION

GHS - Classification

Signal Word

DANGER



Health hazards

Respiratory sensitization Category 1

Physical hazards Not Hazardous

Hazard Statements

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary Statements

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

P284 - Wear respiratory protection

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

Principle Routes of Exposure

Potential Health Effects

Eyes No information available.

Skin No information available.

Inhalation May cause sensitization by inhalation..

Ingestion No information available

Specific effects

Carcinogenic effects None

Mutagenic effects None.

Reproductive toxicity None.

Sensitization Not Applicable

Target Organ Effects None under normal use conditions.

HMIS

Health 4

Flammability 0

Reactivity 0



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## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS-No	EINECS-No	Weight %
Trypsin	9002-07-7	232-650-8	0.1-1.0

We recommend handling all chemicals with caution.

## 4. FIRST-AID MEASURES

Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Take off all contaminated clothing and wash it before reuse. Immediate medical attention is required.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
Ingestion	Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Call a physician or poison control center immediately.
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  
Ensure adequate ventilation. Avoid contact with skin, eyes or clothing.  
Use personal protection equipment.  
Methods for cleaning up Soak up with inert absorbent material.  
Environmental precautions  
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.  
See Section 12 for more information.

## 7. HANDLING AND STORAGE

Handling	Always wear recommended Personal Protective Equipment. No special handling advices are necessary.
Storage	Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits				
Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Trypsin	None	None	None	None
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 protection	Wear safety glasses with side shields (or goggles).			
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. Do not allow material to contaminate ground water system.			



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

Form	Liquid	
Appearance	No information available	
Odor	Mixture has not been tested	
Odor Threshold	Mixture has not been tested	
Boiling point / boiling range	°C No data available	°F No data available
Melting point / melting 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	Mixture has not been tested	
Water solubility	No data available	
Viscosity	Mixture has not been tested	
PH Range	6-8	

## 10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	No information available
Hazardous decomposition products	No information available
Polymerization	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical	Name	LD50 (oral,rat/mouse)	LD50 (dermal,rat/rabbit) LC50 (inhalation,rat/mouse)
Trypsin	No data available	No data available	No data available

### Principle Routes of Exposure

### Potential Health Effects

eyes	No information available
Skin	No information available
Inhalation	May cause sensitization by inhalation
Ingestion	No information available
Carcinogenic effects	None
Mutagenic effects	None
Reproductive toxicity	None.
Sensitization	No information available
Target Organ Effects	None under normal use conditions

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available
Mobility	No information available.
Biodegradation	No information available.
Bioaccumulation	No information available.

## 13. DISPOSAL CONSIDERATIONS

Dispose of contents/containers in accordance with local regulations.



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## 14. TRANSPORT INFORMATION

IATA

Proper Shipping Name	No dangerous good in sense of these transport regulations
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None

## 15. REGULATORY INFORMATION

Component US TSCA

Trypsin 9002-07-7 ( 0.1-1.0 ) -

US 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.

US State Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
	-RTK	-RTK	-RTK	-RTK	-RTK
Trypsin	-	Listed	-	-	-

California Proposition 65

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

D2A - Very toxic materials



This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

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