

## Section 1 – Product and Company Identification

### Manufacturer Information

Quidel Corporation  
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### Product Information

Product Name: Trypsin Solutions (Catalog #: 10-110007 and 10-100007)

Intended Use: General purpose laboratory reagent


Components: 7 mL Plastic Bottle (typically frozen)

## Section 2 – Hazards Identification

### Emergency Overview

Kit Component	OSHA Hazards	Target Organs	GHS Classification
Trypsin Solutions	Sensitizer	Respiratory, Skin	Respiratory Sensitizer (Category 1) Skin Sensitizer (Category 1)

### GHS Classification and Label Elements

Component	Pictogram	Hazard Statements	Precautionary Statements
Trypsin Solutions		H317 May cause allergic skin reaction.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.	P264 Wash hands thoroughly after handling. P280 Wear protective gloves and safety glasses.  P308+P313: If exposed or concerned – get medical advice/attention.  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 poison center or doctor/physician.  P305+P351+p338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	<b>Signal Word</b>		
	<b>Warning</b>		
<b>Supplemental Hazard Statements</b>		1. Follow Universal Precautions when working with this kit. 2. Avoid release to the environment.	

Hazards Not Otherwise Classified (HNOC) or not covered by GHS: None

### Section 3 – Composition / Information on Ingredients

Component	Chemical Name	CAS #	EINECS #	Conc. (%)	Component Volume
Trypsin Solutions	Trypsin	9002-07-7	232-650-8	0.1 to 1	7 mL

### Section 4 – First Aid Measures

#### General Advice

Move out of exposure area. Consult a physician. Show this safety data sheet to the doctor in attendance, as necessary.

- If inhaled:* Move the person to fresh air and support breathing as required.
- In case of skin contact:* Wash affected area with soap and water. Seek medical advice if irritation develops.
- In case of eye contact:* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.
- If swallowed:* Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical advice if irritation develops.
- Note to Physicians:* Treat symptomatically.

### Section 5 – Fire Fighting Measures

#### General Advice

Only individuals properly trained and issued appropriate personal protective equipment should respond and attempt to extinguish a fire.

- Extinguishing Media:* For small fires, use dry chemical, water spray, carbon dioxide or alcohol-resistant foam.
- General Fire Hazards:* The components within this kit will not significantly contribute to the intensity of a fire.
- Hazardous Combustion Products:* No data available
- Fire Fighting Equipment:* Firefighters should wear full protective gear when responding to fires.

### Section 6 – Accidental Release Measures

#### General Advice

Only individuals properly trained and issued appropriate personal protective equipment should respond and attempt to clean up a spill or release. Large spills of the solutions, controls or reagents contained within this kit are unlikely.

- Personal Precautions:* Use personal protective equipment, including protective gloves and safety glasses when cleaning up small spills of the solutions, controls or reagents within this kit. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Keep all unnecessary personnel away from the spill area.
- Materials and Methods for Clean-Up:* Soak up with inert absorbent material (e.g., paper towel, etc.). Thoroughly wash the area with soap and water after a spill or release clean-up.
- Recovery and Neutralization:* Collect spilled material and clean-up supplies and place in sealed container for disposal. Refer to Section 13 for disposal guidance.
- Environmental Precautions:* Contain spill to prevent migration to drains, sewers or open water sources. Discharge into the environment must be avoided.

## Section 7 – Handling and Storage

**Specific Use:** Not for use by the general public.

### Precautions for Safe Handling

As with all chemical and biological substances, avoid getting the components within this kit ON YOU or IN YOU. Wash exposed areas thoroughly after using this kit. Do not eat or drink while using this kit. This kit should be handled only by qualified clinical or laboratory employees trained on the use of this kit and who are familiar with the potential hazards. Universal Precautions should be followed when handling and working with this kit. Keep out of reach of the general public.

**Conditions for Safe Storage:** To maintain efficacy, store according to the kit specific Package Insert instructions.

**Incompatibilities** To maintain efficacy, store according to the kit specific Package Insert instructions.

## Section 8 – Exposure Controls and Personal Protection

**Exposure Limits:** No data available for the specific components within this kit.

### Exposure Controls:

**Engineering Measures** Use with adequate ventilation.

#### Personal Protective Equipment

*Respiratory Protection:* None needed under normal conditions of use.

*Hand Protection:* Handle with appropriately rated chemical resistant gloves. Gloves should be inspected prior to use. Use proper glove technique to remove gloves to avoid contact with skin. Wash hands after handling the components within this kit.

*Eye Protection:* Wear safety glasses with side shields or goggles to prevent eye contact.

*Skin and Body Protection:* Use body protection appropriate for the task. A laboratory coat is recommended.

*Hygiene Measures:* Wash hands before and after use and at the end of the workday.

#### Environmental Exposure Controls

No special environmental controls are required.

## Section 9 – Physical and Chemical Properties

Characteristic	Trypsin Solutions
Boiling Point (°C)	No data available
Melting Point (°C)	No data available
Specific Gravity (H <sub>2</sub> O = 1)	No data available
Vapor Pressure (mm Hg)	No data available
Vapor Density (Air = 1)	No data available
Evaporation Rate (Ether = 1)	No data available
pH	No data available
Solubility in Water	Soluble
Appearance and Odor	Colorless, clear liquid, odorless

### Section 10 – Stability and Reactivity

Characteristic	Trypsin Solutions
Component Stability	Stable
Hazard Reaction Potential	No data available
Conditions to Avoid	No data available
Materials to Avoid	No data available
Hazardous Decomposition Products	No data available

### Section 11 – Toxicological Information

#### Acute Toxicity

**Component Analysis – LD50 / LC50 / Irritation** (No data available for specific kit components)

Chemical Name	CAS #	RTECS #	Information
Trypsin	9002-07-7	No data available	Oral LD <sub>50</sub> Rat                      >5,000 mg/kg Inhalation LC <sub>50</sub> No data available Dermal LD <sub>50</sub> No data available

**Potential Health Effects:**    Trypsin Solutions: Sensitizer

*Skin Corrosion/Irritation:*                      No data available

*Inhalation:*                      May cause respiratory tract irritation.

*Serious Eye Damage / Irritation:*                      No data available

*Skin:*                      May cause skin irritation upon contact.

*Generative Cell Mutagenicity:*                      No data available

*Eyes:*                      May cause serious eye irritation.

*Skin or Respiratory Sensitization:*

*Ingestion:*                      May be harmful if swallowed.

    May cause sensitization by skin contact.

    May cause sensitization by inhalation.

#### Carcinogenicity

No component of this kit present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH, IARC, NTP or OSHA.

**Reproductive Toxicity**                      No data available

**Teratogenicity**                      No data available

#### Specified Target Organ General Toxicity (GHS)

*Single Exposure (GHS):*                      No data available

*Repeated Exposure (GHS):*                      No data available

**Aspiration Respiratory Organs Hazard**                      None anticipated under product use conditions.

**Synergistic Effects**                      No data available

#### Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated for the components within this kit.

## Section 12 – Ecological Information

<b>Ecotoxicity</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Persistence / Degradability</b>	No data available
<b>PBT and vPvB Assessment</b>	No data available
<b>Bioaccumulation</b>	No data available

### Other Adverse Effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Avoid release to the environment.

## Section 13 – Disposal Considerations

### Waste Disposal Instructions

Utilize appropriate personal protective equipment and spill control when handling wastes generated from using this kit. Do not discharge any of the solutions, reagents, controls, cultures or media into drains, water courses or onto the ground.

### Disposal of Product and Contaminated Packaging

Dispose of waste materials, unused components and contaminated packaging in compliance with country, federal, state and local regulations. If unsure of the applicable regulatory requirements, contact a licensed professional waste disposal service to dispose of this material.

## Section 14 – Transportation Information

<b>U.S. Department of Transportation (DOT)</b>	This material is not regulated for transport.
<b>International Air Transportation (IATA)</b>	This material is not regulated for transport.
<b>International Maritime Dangerous Goods (IMDG)</b>	This material is not regulated for transport.

## Section 15 – Regulatory Information

### Regulatory Information

#### U.S. Federal Regulations

<b>OSHA Hazards</b>	<u>Trypsin Solutions</u> : Sensitizer
<b>SARA 302</b>	The following chemicals are subject to reporting levels established by SARA Title III, Section 302: No chemicals in this kit are subject to the reporting requirements of SARA Title III, Section 302.
<b>SARA 313</b>	The following chemicals are subject to reporting levels established by SARA Title III, Section 313: No chemicals in this kit are subject to the reporting requirements of SARA Title III, Section 313.
<b>SARA 311/312</b>	No SARA hazards.

## Section 15 – Regulatory Information (cont'd)

**State Regulations**

The following chemical(s) appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Trypsin	9002-07-7	No	No	No	Yes	No	No

**California Prop 65:**

This material does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**Canadian – WHMIS IDL**

Chemical Name	CAS #	Minimum Concentration
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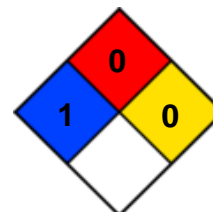
**Additional Regulatory Information**
**Safety, Health and Environmental regulations/legislation specific for the mixture:**

Not completed for this components contained within this kit.

**Chemical Safety Assessment:**

Not completed for this components contained within this kit.

**HMIS Kit Classification:**

**NFPA Kit Classification:**


## Section 16 – Other Information

**PREPARED BY:** Quidel Corporation  
12544 High Bluff Drive, Suite 200 San Diego, CA 92130

**SUPERCEDES:** SDS-904en (v2010APR16)

**REVISIONS:** Update to GHS compliant format along with rebranding from Diagnostic Hybrids to Quidel.

The information above is provided in good faith. It is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability, fitness for a particular purpose or of any other type, expressed or implied, with respect to products described or data or information provided, and we assume no liability resulting from the use of such products, data or information. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall Quidel be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages of any kind, howsoever arising, even if Quidel has been advised of the possibility of such damages.

SD904000EN00 (08/16)