

Hardy Diagnostics

Safety Data Sheet

1. Product And Company Identification

1.1. Product identifiers

Product Name: **StrepQuick™ Test Kit**

Other Common Names: None

Catalog Number: Z122

1.2. Recommended use

To aid in the identification of gram-positive, catalase-negative cocci based on pyroglutamate aminopeptidase (PYR), leucine aminopeptidase (LAP), and esculin hydrolysis (ESC) activity. This test kit simplifies identification of Enterococcus spp. and group A streptococci (Streptococcus pyogenes).

1.3. Details of the supplier of this Safety Data Sheet

Company: Hardy Diagnostics
 1430 West McCoy Lane
 Santa Maria, CA 93455

Telephone: (805) 346-2766

(800) 266-2222

Emergency Phone: (800) 424-9300 ChemTrec (24hr service)

2. Hazards Identification

2.1. Classification of substance or mixture


GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS)

Skin Corrosion (Category 1), H314

Eye Damage (Category 1), H318

Corrosive to Metals (Category 1), H290

2.2. GHS Label elements, including precautionary statements

Pictogram:	
Signal Word:	Danger
Hazard Statements:	
H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
Precautionary Statements:	
P234	Keep only in original packaging.
P260	Do not breathe fumes or vapors.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do not induce vomiting.
P303+P361+P353	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340	IF INHALED: Remove person to fresh air and keep

	comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER.
P321	Specific treatment (see supplemental first aid instructions on this label).
P363	Wash contaminated clothing before re-use.
P390	Absorb spillage to prevent material-damage.
P405	Store locked up.
P501	Dispose of contents or container at an approved waste disposal facility, according to applicable regulations.

2.3. Hazards not otherwise classified or not covered by GHS

No data available.

3. Composition/Information on Ingredients

3.1. Mixtures

Hazardous components:

Substance:	Concentration:	Hazard Information:
Hydrochloric Acid, 37% (CAS# 76-47-01-0)	5.0%	Skin Corrosion 1, Eye Damage 1, (single), Corrosive to Metals 1

4. First Aid Measures

4.1. Description of first aid measures

Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration and immediately seek medical attention.
Ingestion:	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical advice.
Skin Contact:	Immediately wash thoroughly with soap and water. If irritation persists, consult a physician.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids open. If irritation persists, consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

5. Firefighting Measures

5.1. Extinguishing media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. **Advice for firefighters**

In the event of a fire, wear protective clothing and NIOSH-approved breathing apparatus necessary to prevent any possible irritation.

5.4. **Further information**

No data available.

6. Accidental Release Measures

6.1. **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment: chemical resistant gloves. Keep unprotected persons away.

Environmental precautions

No data available.

6.2. **Methods and materials for containment and cleaning up**

Wipe up with a damp sponge or mop.

6.3. **Reference to other sections**

For disposal, see section 13.

7. Handling and Storage

7.1. **Precautions for safe handling**

Wear appropriate personal protective equipment. Do not eat, drink, or smoke in work areas. Wash hands after use.

7.2. **Conditions for safe storage, including any incompatibilities**

Keep container tightly closed. Store in a cool dry place in accordance with specified storage conditions.

7.3. **Specific end uses**

Apart from uses mentioned in section 1.2, not other specific uses are stipulated.

8. Exposure Controls/Personal Protection

8.1. **Control parameters**

No data available.

8.2. **Appropriate engineering controls**

Safety shower and eye bath.

8.3. **Personal protective equipment**

Eye/Face:	Safety goggles.
Skin:	Chemical resistant gloves.
Respiratory:	None for normal use.
Thermal Hazards:	None for normal use.

9. Physical and Chemical Properties

9.1. **Information on basic physical and chemical properties**

StrepQuick™ Developer (Z122A)

Appearance:	Physical State: Liquid Color: Clear, Colorless
Odor:	Pungent
Odor Threshold:	Not Determined
pH:	Not Determined
Melting/Freezing Point:	Not Determined

Boiling Point:	Not Determined
Flash Point:	Not Determined
Evaporation Rate:	Not Determined
Flammability:	Not Determined
Explosion Limits:	Not Determined
Vapor Pressure:	Not Determined
Vapor Density:	Not Determined
Relative Density:	Not Determined
Water Solubility:	Soluble
Partition coefficient (n-octanol/water):	Not Determined
Auto-ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Viscosity:	Not Determined
Explosive Properties:	Not Determined
Oxidizing Properties:	Not Determined

9.2. Other safety information

No data available.

10. Stability and Reactivity

Reactivity	No data available.
Chemical stability	This product is stable.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Highly reactive with metals. Reactive with oxidizing agents, organic materials, alkalis. Extremely corrosive in presence of aluminum, of copper, of stainless steel (304), of stainless steel (316). Non-corrosive in presence of glass.
Hazardous decomposition products	No dangerous decomposition products known.

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	No data available
Aspiration Hazard	No data available
Additional information	No data available.

12. Ecological Information

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Other adverse effects	No data available

13. Disposal Considerations

13.1. **Waste disposal**

Dispose of in accordance with applicable state and federal regulations.
 Disposal must be in accordance with regulations 40 CFR 261.

14. Transport Information

DOT hazard class	CLASS 8 Corrosive Material
Shipping name	Hydrochloric Acid
Identification number	UN1789
Packing group	II

15. Regulations

Carcinogenicity	Yes/No
NTP:	No
IARC:	No
OSHA:	No
California Prop 65:	No
IATA:	No

16. Other Information

The above information, to the best of our knowledge, is accurate. Hardy Diagnostics assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.