

Section 1 – Product and Company Identification

Manufacturer Information

 Quidel Corporation
 2005 East State Street, Suite 100
 Athens, OH 45701

 Phone: 1.800.874.1517
 Fax: 1.740.592.9820
 Emergency #: 1.866.519.4752

 Web: quidel.com
 E-mail: gehs@quidel.com

Product Information

 Product Name: 40X PBS Concentrate: (Catalog #: 01-090025, 01-090125)
 40X Wash Solution Concentrate: (Catalog #: 01-001025, 01-001125)

Intended Use: Use with specific D3 Ultra, Duet, DFA and IFA diagnostic kits.


Components: 25 ml or 125 mL plastic bottle(s)

Section 2 – Hazards Identification

Emergency Overview

Kit Component	OSHA Hazards	Target Organs	GHS Classification
40X PBS Concentrate (Sodium Azide, 4%) 40X Wash Solution Concentrate (Sodium Azide, 4%)	Toxic, Irritant	Eyes, Skin	Acute toxicity, Oral (Category 4) Acute aquatic toxicity (Category 3) Skin Irritation (Category 2) Eye Irritation (Category 2A) Chronic aquatic toxicity (Category 3)

GHS Label Elements & Precautionary Statements

Component	Pictogram	Hazard Statements	Precautionary Statements
40X PBS Concentrate (Sodium Azide, 4%) 40X Wash Solution Concentrate (Sodium Azide, 4%)	 Signal Word Warning	H302 Harmful if swallowed. H315 Causes skin irritation. H320 Causes eye irritation. H412 Harmful to aquatic life with long lasting effects.	P264 Wash hands thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves and safety glasses. P308+P313: If exposed or concerned – get medical advice/attention. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements	1. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. Avoid disposal of this material down sanitary or industrial plumbing systems. 2. Sodium azide may rapidly be absorbed through the skin. 3. Follow Universal Precautions when working with the specific kits.		

Section 3 – Composition / Information on Ingredients

Mixture: 40X PBS Concentrate and 40X Wash Solution Concentrate

Chemical Name	CAS #	EINECS #	Conc. (%)	Component Volume(s)	Chemical Classification
Sodium Chloride	7647-14-5	231-598-3	<36	1. 25 mL	Acute Tox. 2; Acute Tox. 1; STOT RE 2; Aquatic Acute 1;
Sodium Azide	26628-22-8	247-852-1	4	2. 125mL	Aquatic Chronic 1; H300 +H310, H373, H410

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.

- Suitable 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: For *In Vitro Diagnostic* use. Not for use by the general public.

Precautions for Safe Handling

As with all chemical and biological substances, avoid getting this solution ON YOU or IN YOU. Wash exposed areas thoroughly after using this solution. Do not eat or drink while using this solution. This solution should be handled only by qualified clinical or laboratory employees trained on the use of this solution and who are familiar with the potential hazards. 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 this solution.

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	40X PBS Concentrate	40X Wash Solution Concentrate
Boiling Point (°C)	No data available	No data available
Melting Point (°C)	No data available	No data available
Specific Gravity (H ₂ O = 1)	No data available	No data available
Vapor Pressure (mm Hg)	No data available	No data available
Vapor Density (Air = 1)	No data available	No data available
Evaporation Rate (Ether = 1)	No data available	No data available
pH	7.0-7.6	7.0-7.6
Solubility in Water	Soluble	Soluble
Appearance and Odor	Clear liquid, mild odor	Clear liquid, mild odor

