

REF 8546859 – 1 x 10 L  
REF 8547008 – 4 x 1.8 L

PN 624877-DF



**For In Vitro Diagnostic Use**

**Rx Only in the U.S.A.**

**INTENDED USE**

A non-fluorescent, azide free balanced electrolyte solution for use on COULTER Flow Cytometers with light scatter and fluorescent applications.

**SUMMARY**

In Flow Cytometers, cells are guided in single file through a laser beam using a process called hydrodynamic focusing. This is accomplished when cells are injected into a pressurized sheath stream of diluent that is directed through a flow cell for analysis. The IsoFlow Sheath Fluid is manufactured for low particulate and fluorescence background to ensure superior signal to noise ratio measurements during the analysis process.

**PRINCIPLE**

The diluent includes a chemical composition of the following:

- Sodium chloride, which allows the diluent to become an electrolyte capable of conducting electrical current in an electronic analyzer and along with phosphate salts, provides buffer for pH balance.

**REACTIVE INGREDIENTS**

|                           |          |
|---------------------------|----------|
| Sodium Chloride.....      | 7.93 g/L |
| Disodium EDTA.....        | 0.38 g/L |
| Potassium Chloride.....   | 0.40 g/L |
| Monosodium Phosphate..... | 0.19 g/L |
| Disodium Phosphate.....   | 1.95 g/L |
| Sodium Fluoride.....      | 0.30 g/L |

**PROCEDURE**

Monitor system performance routinely as specified in the instrument IFU step-by-step procedures.

**STORAGE, STABILITY AND DISPOSAL**

Use product at temperatures stated in the instrument product manuals. Do not use product past expiration date or if product has become contaminated. DISCARD PRODUCT IF FROZEN. Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations.

**WARNINGS**

**SDS** Safety Data Sheet is available at [techdocs.beckmancoulter.com](http://techdocs.beckmancoulter.com).

Do not inhale and/or ingest. Avoid eye and skin contact. In case of eye or skin contact, flush affected area with copious amounts of water for at least 15 minutes.

DO NOT REUSE CONTAINER.

**PREPARATION**

No preparation is necessary. Prime instrument after addition of the reagent, prior to use.

**PRODUCT AVAILABILITY**

IsoFlow Sheath Fluid  
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**TRADEMARKS**

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For additional information, or if damaged product is received, call Beckman Coulter Customer Service at 800-742-2345 (USA or Canada) or contact your local Beckman Coulter Representative.

Glossary of Symbols is available at [techdocs.beckmancoulter.com](http://techdocs.beckmancoulter.com) (PN C05838).

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**Revision History**

**Revision DF, 06/2016**

- Add new languages
- Update of EC Rep Address

