

PRODUCT DISRUPTION BRIEF

Baxter North Cove Facility (Marion, N.C.) (September 30th)

The Baxter North Cove facility in Marion North Carolina damaged by extensive flooding in Western North Carolina.

Current conditions

Baxter's plant in North Cove, NC was affected by the heavy rain and storm surge caused by Hurricane Helene. The facility experienced water damage and the plant is currently closed due to limited access that has been caused by roadway collapse and flooding. The extent of the damage is still being assessed, and Baxter is working with local, state, and federal officials to evaluate the situation and develop a plan to restore operations as quickly as possible. Despite implementing a hurricane preparedness plan, including evacuation and product relocation measures, the facility was still impacted by a levee breach and bridge damage.

The North Cove facility produces large volume intravenous (IV) fluids (e.g, saline, dextrose, lactated ringers) and peritoneal dialysis solutions. This facility supplies an estimated 60% of large volume IV fluids used in the US. North Cove is the primary manufacturing facility for large volume IV fluids; however, Mexico and Spain are additional manufacturing facilities Baxter has available as a redundancy measure.

Baxter IV Product Manufacturing Locations:

Category	Description	Primary Manufacturing Site	Secondary Manufacturing Site	Tertiary Manufacturing Site	Quaternary Manufacturing Site
Large Volume IV Fluids	IV Fluids/Irrigation ranging from 250 mL to 5000 mL	North Carolina ^a	Mexico	Spain	NA
Small Volume IV Fluids	IV Fluids 25 mL, 50 mL and 100 mL	Puerto Rico	Ireland	Mexico	NA
Mini Bags Plus	Drug Delivery / Reconstitution System	Puerto Rico, Round Lake	Ireland	NA	NA
IV Drug Delivery	Premix Medications / Dug Delivery Containers	Mississippi	England	NA	NA
IV Fluids	Pour Bottles	Mississippi	Canada	NA	NA
IV Sets & Tubing	IV Pumps Sets, Gravity Sets, Extension Sets, Connectors, etc.	Mississippi	Puerto Rico	Costa Rica	Singapore
IV Nutrition	Clinimix / Amino Acids	Puerto Rico	Italy	NA	NA

^a Facility impacted by Hurricane Helene, Abbreviation: NA = not applicable

Baxter action items

- To prioritize the resumption of operations and ensure a continuous supply of products to patients, Baxter has implemented a shipment hold for the next 48 hours and will soon implement allocation measures to manage inventory effectively and minimize disruptions in patient care.
- The company will also leverage its global manufacturing network to mitigate potential supply impacts while efforts are made to fully restore manufacturing operations at the North Cove facility.
- Baxter will provide regular updates on the progress and estimated timing for production to resume, and customers are encouraged to reach out to their local representatives for any inquiries. Updates will also be available on the [Baxter website](#)

Vizient action items



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As the nation's largest member-driven health care performance improvement company, Vizient provides solutions and services that empower health care providers to deliver high-value care by aligning cost, quality and market performance. With analytics, advisory services and a robust sourcing portfolio, we help members improve patient outcomes and lower costs.

- A Supply Chain Disruption Report is being developed to provide a detailed market analysis of the affected products listed below.
- Vizient has activated a Command Center and the Shortage Surveillance and Readiness Team (SSRT), which includes clinical, sourcing, analytics, government relations, communications and others to fully assess the potential market impact.
- Vizient is communicating with Baxter to assess the potential supply constraints resulting from any production delay. Timelines and impact on current and future production at the North Cove facility are unknown at this time.
- Vizient is working with alternate manufacturers of potentially impacted products to assess their ability to supply and their capabilities to increase production if necessary.
- Vizient has communicated with pharmacy wholesalers to advocate and advise for pre-emptive allocations.
- Vizient has several mitigation strategies available, including an [IV push list](#) to conserve fluids as able.

Calls to action for provider customers

The most important call to action for all providers is CONSERVATION. Apply principles for conserving while maintaining safety. Strategies include using the smallest possible volume of IV fluids for the required indication, regularly reviewing patients receiving IV infusions, and switching to alternative routes of administration if possible.

Providers should:

- Hospitals and health systems are advised to activate their internal drug shortage committees and inform the appropriate multidisciplinary stakeholders of the impacted Baxter facility. Regularly scheduled meetings should continue until resolution of any potential supply constraints.
- Vizient encourages providers to utilize principles of [Drug Shortage Stewardship](#) to manage demand and limit drug shortage impact.
- Notify C-Suite level executives of the impacted Baxter facility to ensure appropriate communication of potential supply constraints to the local media and associated medical boards.
- Each hospital and health system should evaluate and ensure all inventory counts are accurate and up to date.
- Notify pharmacy buyers and inventory managers of any potential allocation implementation by the wholesalers. When implemented, ensure the allocations are accurate based on historical orders and maintain frequent communication with wholesaler representatives to triage any issues.
- Based on the information provided on [Baxter's website](#) – review, revise, and prepare to implement conservation strategies for fluids.
- Regularly communicate with neighboring hospitals and health systems to ensure medications are available to patients.

Distributor

Vizient is actively engaged with our distribution suppliers and working to provide actionable information to include their specific allocation percentages.

Mitigation strategy

Providers should implement conservation and practice protocols immediately. Please see specific recommendations compiled by ASHP and The University of Utah [here](#)

Vizient has established the [adult and pediatric I.V. push medication reference](#) guide to conserve the use of I.V. fluids, this document provides guidance on how members can take advantage of administering medications via IV push or slow IV injection; we have also noted where alternate routes—such as oral (PO) or intramuscular (IM) administration—are an option

Vizient is actively engaged with our IV Suppliers to understand the current inventory levels and activate support for additional capacity. We will continue to monitor and report throughout this evolving disruption.

Contracted suppliers

	ICU Medical	Fresenius-Kabi	B.Braun
Offering:	Large Volume IV Fluids	Large Volume IV Fluids	Large Volume IV Fluids
Contact:	Jeffery Cole	Joshua North	Greg Sturdivant
Website:	https://www.icumed.com/contact-us/	https://www.fresenius-kabi.com/contact	https://www.bbraunusa.com/en/about-us/contact/contact-form.html
Protective Allocation:	All large volume IV solution SKUs at 100%.	All large volume IV solution SKUs at 100%.	All large volume IV solution SKUs at 100%.

Taking new customers	Pending Confirmation	Pending Confirmation	Pending Confirmation
Has excess inventory	Pending Confirmation	Pending Confirmation	Pending Confirmation

Appendix 1. Baxter North Cove Facility Impacted – IV Solutions SKUs

NDC	Product Code	Product Description
1001905561	1001905561	BREVIBLOC PREMIX NACL INJ SOL 10MG/ML 250ML X 10
1001907587	1001907587	BREVIBLOC PREMIX INJ 2000 MG 100ML 20mg/mL DBL STRG BAGS
00338001702	2B0062Q	DEXTROSE 5% INJECTION USP 250M L MIGRATED
00338001703	2B0063Q	DEXTROSE 5% INJECTION USP 500M L MIGRATED
00338001704	2B0064X	DEXTROSE 5% INJECTION USP 1000 ML MIGRATED
00338002302	2B0162Q	10% DEXTROSE INJECTION USP 250 ML MIGRATED
00338002303	2B0163Q	10% DEXTROSE INJECTION USP 500 ML MIGRATED
00338002304	2B0164X	10% DEXTROSE INJ USP 1000ML
00338071906	2B0296H	70% DEXTROSE INJECTION (2000ML) USP
00338001304	2B0304X	STERILE WATER FOR INJ.USP 1000ML
00338001306	2B0306	STER WATER FOR INJ. USP 2000 ML (PHARM BULK PKG)
00338001308	2B0307	STERILE WATER FOR INJ. USP 3000 ML (PHARM BULK PKG)
00338001329	2B0309	STERILE WATER FOR INJ. USP 5000 ML (PHARM BULK PKG)
00338007304	2B1024X	2.5% DEX AND 0.45% SOD CHL INJ USP
00338008903	2B1063Q	5% DEX AND 0.9% SOD CHL INJ, U SP
00338008904	2B1064X	5% DEX AND 0.9% SOD CHL ING, USP
00338008503	2B1073Q	5% DEX AND 0.45% SOD CHL INJ, USP
00338008504	2B1074X	5% DEX AND 0.45% SOD CHL INJ, USP
00338007704	2B1094X	5% DEX AND 0.2% SOD CHL INJ, USP
00338068304	2B1134X	20 MEQ POT IN 5% DEX INJ-USP
00338004303	2B1313Q	0.45% SODIUM CHLORIDE INJ USP
00338004304	2B1314X	0.45% SODIUM CHL INJ, USP VIAFLEX PLASTIC CONTAINER
00338004902	2B1322Q	SOD CHLOR 0.9% INJ USP VIAFLEX PLASTIC 250ML MIGRATED
00338004903	2B1323N	0.9% NaCl, 500mL Viaflex bag
00338004903	2B1323Q	SOD CHLOR 0.9% INJ USP VIAFLEX PLASTIC 500ML MIGRATED
00338004904	2B1324X	SOD CHLOR 0.9% INJ USP VIAFLEX 1000ML MIGRATED
00338005403	2B1353Q	3% SODIUM CHLORIDE INJ, USP
00338070434	2B1357X	20MEQ POTASSIUM CHLORIDE 0.45% SOD CHLORIDE INJ, USP
00338005603	2B1373Q	5% SODIUM CHLORIDE, INJ USP
00338034104	2B1462X	CARDIOPLEGIC SOLUTION SOL F/SLUSH 1000 ML X 14
00338060303	2B1473Q	10MEQ POT CHL IN 5% DEX&0.33% SOD CHL INJ,USP
00338066304	2B1614X	20MEQ POT CHL IN 5% DEX & 0.2% SOD CHL ING, USP
00338066904	2B1644X	10 MEQ POT CHL IN 5% DEX%0.45% SOD CHL INJ-1000ML
00338067103	2B1653Q	10 MEQ POT CHL IN 5% DEX 0.45% SOD CHL INJ,USP (500 ML)
00338067104	2B1654X	20 MEQ POT CHL IN 5% DEX & 0.4 5% SOD CHL INJ, USP
00338067304	2B1664X	30MEQ POT CHL IN 5%DEX & 0.45% SOD CHL INJ, USP
00338067504	2B1674X	40 MEQ POT CHL IN 5% DEX&0.45% SOD CHL INJ, USP
00338069104	2B1764X	20 MEQ POT CHL IN .9% SOD CHL INJ,USP
00338069504	2B1984X	40 MEQ POT CHL IN 0.9% SOD CHL INJ
00338012503	2B2073Q	LACTATED RINGER'S AND 5% DEXTR OSE
00338012504	2B2074X	LACTATED RINGERS & 5% DEXTROSE INJ, USP

00338014303	2B2103Q	5% DEXTROSE AND ELECTROLYTE NO 48 INJ.
00338081104	2B2224X	20 MEQ POT CHL IN LACTATED RINGER'S AND 5% DEX
00338011702	2B2322Q	LACTATED RINGER'S INJ, USP
00338011703	2B2323Q	LACTATED RINGER INJ, USP VIA FLEX PLASTIC CONTAINER 500ML
00338011704	2B2324X	LACTATED RINGER INJECTION, USP 1000ML VIAFLEX CONTAINER
00338080304	2B2434X	20MEQ POT CHL IN 5% DEX&0.9% SOD CHL INJ, USP
00338080704	2B2454X	40 MEQ PJOT CHL IN 5% DE1X&0.9 % SOD CHL INJ, USP
00338017904	2B2534X	PLASMA-LYTE 148 INJ (MULT ELECINJ TYPE 1, USP)
00338022103	2B2543Q	PLASMA-LYTE A INJECTION PH 7.4 (MULTIPLE
00338022104	2B2544X	PLASMA-LYTE A INJECTION PH 7.4 MULTIPLE
00338000344	2B7114X	STERILE WATER FOR IRRIG,USP 1000ML
00338000346	2B7116	STER WATER FOR IRRIG USP,2000 ML UROMATIC
00338000347	2B7117	STERILE WATER FOR IRRIG.USP. 3000mL UROMATIC CONT.
00338004744	2B7124X	0.9% SOD CHL IRRIG, USP 1000 ML UROMATIC CONT
00338004746	2B7126	0.9% NAACL IRRIG USP 2000 ML UR OOMATIC CONTAINER
00338004747	2B7127	0.9% SOD.CHL.IRRIG. USP 3000ML UROMATIC CONTAINER
00338005047	2B7207	0.9% SOD CHL PROCESSING SOL, 3 000 ML FLEXIBLE CONT
00338005144	2B7231	0.9% SOD CHL IRRIGATION, USP I N BAXTER STER CONT
00338005144	2B7231K	0.9% SOD CHL IRRIGATION, USP I N BAXTER STER CONT
00338028947	2B7317	1.5% GLYCINE FOR IRRIG USP, 30 00 ML
00338029547	2B7357	3% SORBITOL IN WATER, 3000 ML UROMATIC CONTAINER
00338004727	2B7477	0.9% SOD CHL IRRIG, USP, 3000 ML ARTHROMATIC
00338004729	2B7479	0.9% SOD CHL IRRIG, USP, 5000 ML ARTHROMATIC
00338013727	2B7487	LACTATED RINGERS IRRIG, 3000 M L ARTHROMATIC
00338013729	2B7489	LACTATED RINGERS IRRIG, 5000 M L ARTHROMATIC
0338-0092-02	2B8219	LACTATED RINGER'S INJ, USP
0338-0090-02	2B8229	PLASMA-LYTE A PH 7.4
0338035303	2D5613Q	10% OSMITROL INJ (10% MANNITOL INJ, USP)
0338035702	2D5632Q	20% OSMITROL INJ (20% MANNITOL INJ, USP)
0338035703	2D5633Q	20% OSMITROL INJ (20% MANNITOL INJ, USP)
10019-668-10	2J1416	BREVIBLOC INJ VIZIENT 2000MG IN 100ML PREMIX BAG, SALINE
10019-672-10	2J1417	BREVIBLOC INJ VIZIENT 2500MG IN 250ML PREMIX BAG, SALINE
10019-055-61	CA2J1415	BREVIBLOC PREMIX,2500MG/250ML ESMOLOL HYDROCHLORIDE INJ
338070434	JB1357	20 MMOL POTASSIUM CHIORIDE IN SODIUM CHLORIDE

Appendix 2. Baxter North Cove Facility Impacted – Dialysis SKUs

NDC	Product Code	Product Description
0941067952	5B4984	EXTRANEAL PD-2 2L/2L ULTRABAG
0941067953	5B4986	EXTRANEAL PD-2 2.5L/3.0L ULTRA BAG
0941042455	5B9757	DIANEAL LOW CA 1.5% DEX 3L/5L ULTRABAG (2.5 MEQ/L)
0941043055	5B9758	DIANEAL LOW CA 2.5% DEX 3L/5L ULTRABAG (2.5 MEQ/L)
0941043355	5B9759	DIANEAL LOW CA 4.25% DEX 3L/5L ULTRABAG (2.5 MEQ/L)
0941042451	5B9765P	DIANEAL LOW CA 1.5% DEX1.5L/2L ULTRABAG (2.5 MEQ/L)
0941042452	5B9766	DIANEAL LOW CA 1.5% DX 2L/2L ULTRABAG (2.5 MEQ/L)
0941042453	5B9768P	DIANEAL LOW CA 1.5% DEX2.5L/3L ULTRABAG (2.5 MEQ/L)
0941043051	5B9775P	DIANEAL LOW CA 2.5% DEX 1.5L/2 L ULTRABAG(2.5MEQ/L)
0941043052	5B9776	DIANEAL LOW CA 2.5% DEX 2L/2L ULTRABAG (2.5 MEQ/L)

0941043053	5B9778P	DIANEAL LOW CA 2.5% DEX 2.5/3L ULTRABAG (2.5 MEQ/L)
0941043351	5B9795P	DIANEAL LOW CA 4.25% DEX 1.5L/ 2L ULTRABAG(2.5MEQ/L)
0941043352	5B9796	DIANEAL LOW CA 4.25%DEX 2L/2L ULTRABAG (2.5 MEQ/L)
0941043353	5B9798P	DIANEAL LOW CA 4.25% DEX 2.5/ 3L ULTRABAG (2.5 MEQ/L)
0941042655	5B9857	DIANEAL PD2 SOLUTION 1.5% DEX 3L/5L ULTRABAG
0941042755	5B9858	DIANEAL PD2 SOLUTION 2.5% DEX 3L/5L ULTRABAG
0941-0429-55	5B9859	DIANEAL PD2 SOLUTION 4.25% DEX 3L/5/L ULTRABAG
0941042652	5B9866	DIANEAL PDII SOLUTION 1.5% DEX 2L/2L ULTRABAG
0941-0426-53	5B9868P	DIANEAL PD-2 SOLUTION 1.5% DEX 2.5L/3L ULTRABAG
0941042752	5B9876	DIANEAL PDII SOLUTION 2.5% DEX 2L/2L ULTRABAG
0941042753	5B9878P	DIANEAL PD2 SOLUTION 2.5% DEX 2.5L/3L ULTRABAG
0941-0429-52	5B9896	DIANEAL PDII SOLUTION 4.25% DE X 2L/2L ULTRABAG
0941-0429-53	5B9898P	DIANEAL PD2 SOLUTION 4.25% DEX 2.5L/3L ULTRABAG.
0941040906	L5B4825	DIANEAL LOW CAL 1.5% DEX 2L/2 L PD SOLUTION
0941040907	L5B4826	DIANEAL LOW CAL 1.5% DEX 5L/6L (SYS 2)
0941067906	L5B4974	EXTRANEAL PD-2 (ICODEXTRIN) PD SOLN (2L/3L)
0941067905	L5B4976	EXTRANEAL PD-2 (ICODEXTRIN) PD SOLN (2.5L/3L)
0941041105	L5B5163	DIANEAL PD-2 1.5% DEX 1L/1L (SYS 2)
0941041106	L5B5166	DIANEAL PD-2 1.5% DEX 2L/3L (SYS 2)
0941041104	L5B5169	DIANEAL PD-2 1.5% DEX 3L/3L (SYS 2)
0941041305	L5B5173	DIANEAL PD-2 2.5% DEX 1L/1L (SYS 2)
0941041306	L5B5177	DIANEAL PD-2 2.5% DEXTROSE (2L/2L)
0941041304	L5B5179	DIANEAL PD-2 2.5% DEX 3L/3L (SYS 2)
0941041505	L5B5183	DIANEAL PD-2 4.25% DEX 1L/1L (SYS 2)
0941041506	L5B5187	DIANEAL PD-2 4.25% DEX 2L/3L (SYS 2)
941041504	L5B5189	DIANEAL PD-2 4.25% DEX 3L/3L (SYS 2)
0941041107	L5B5193	DIANEAL PD-2 1.5% DEXTROSE (5L/6L)
0941-0413-07	L5B5194	DIANEAL PD-2 2.5% 5L/6L (SYS 2)
0941041507	L5B5195	DIANEAL PD-2 4.25% DEX 5L/6L (SYS 2)
0941045705	L5B5202	DIANEAL LOW CAL 2.5% DEX 5L/6L (SYS 2) (2.5 MEQ/L)
0941045905	L5B5203	DIANEAL LOW CA 4.25% DEX 5L/6L (SYS 2) (2.5% MEQ/L)
0941041111	L5B9710	DIANEAL PD-2 1.5% DEX 6L/6L (SYS 2)
0941041301	L5B9711	DIANEAL PD-2 2.5% DEX 6L/6L (SYS 2)
0941041501	L5B9712	DIANEAL PD-2 4.25% DEX 6L/6L (SYS 3)
0941045708	L5B9727	DIANEAL LOW CAL (2.5 MEQ/L) PD SOLN 2.5% DEX (2L/3L)
0941045908	L5B9747	DIANEAL LOW CAL 4.25% DEX 2L/3 L PD SOLUTION
0941040901	L5B9770	DIANEAL LOW CA 1.5% DEX 6L/6L (SYS 2) (2.5 MEQ/L)
0941045701	L5B9771	DIANEAL LOW CAL 2.5% DEX 6L/6L (SYS 2) (2.5 MEQ/L)
0941045901	L5B9772	DIANEAL LOW CA 4.25% DEX 6L/6L (SYS 2) (2.5 MEQ/L)
0941-0409-05	L5B9901	DIANEAL LOW CA 1.5% 3L/3L (SYS 2) (2.5 MEQ/L)
0941045702	L5B9902	DIANEAL LOW CAL 2.5% DEX 3L/3L (SYS 2) (2.5 MEQ/L)
0941045902	L5B9903	DIANEAL LOW CA 4.25% DEX 3L/3L (SYS 2) (2.5 MEQ/L)

Additional resources

Supply assurance webpage; [Vizient Newsroom](#)



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Questions? Contact disasterresponse@vizientinc.com, pharmacyquestions@vizientinc.com, novaplus@vizientinc.com.