

Pfizer Inc.
275 North Field Drive
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November 27, 2017

Update to Pfizer Injectables Opioid and Non-Opioid Prefilled Syringe Portfolio

Dear Valued Customer,

Pfizer Injectables is committed to providing information on supply shortages so that appropriate contingency plans can be made to facilitate patient care. Due to longer than expected timelines for upgrade work required at our McPherson manufacturing facility, the currently anticipated full recovery dates for prioritized prefilled syringes (PFS) have moved to 1Q19 and deprioritized syringes have moved to 2Q19. We will continue to manufacture and deliver select presentations throughout the upgrade work taking place but do anticipate backorders and product shortages.

Pfizer will continue to prioritize production of certain Carpuject™ and iSecure™ prefilled syringes (see Table A). Products have been prioritized based on medical necessity and importance to patient care, as determined by customer feedback and our U.S. Medical Affairs team. It is anticipated that the Naloxone Hydrochloride Injection, USP Carpuject™ will remain in adequate supply throughout the upgrade process. Diazepam Injection, USP, CIV Carpuject™ will likely be on long-term back order. At this time, we are only manufacturing the prioritized products. We will resume production of the deprioritized products (see Table B) once supply recovers on the prioritized products. Pfizer remains committed to the Carpuject™ and iSecure™ product line and we are working hard to expedite full recovery.

We are also increasing the production of vials and ampuls (see Table C) where possible to help offset the PFS shortages. However, there will be times when inventory is not available and specifically, the Hydromorphone Hydrochloride Injection, USP, CII Ampul products will be on long term back order.

Please check our availability report on our website at https://www.pfizerinjectables.com/Injectables_Availability_Report to receive the most up-to-date information on product availability. You can also contact our Supply Continuity Team between 7:00am – 6:00pm CT to discuss any product availability questions at 1-844-646-4398 (select option 1 [Customer], then option 3 [Supply Continuity Team]) or via email at PISupplyContinuity@Pfizer.com.

In addition, we have worked with all trading partners and asked them to allocate opioid products to help ensure as many customers as possible have access to supply until the next anticipated shipments arrive. Please continue to work with your trading partner.

We understand the challenges that this shortage poses to clinicians and patients and are fully dedicated to restoring supply, while helping to ensure the highest quality and safety standards. I am available to speak with you to discuss any questions you may have. You can reach out to the Pfizer Injectables leadership team and me at PfizerInjectables@Pfizer.com or through your Pfizer representative, and we will respond as quickly as possible.

Kind regards,

Shawn Olsson
Sr. Manager, Opioid and Syringe Technology Portfolio
Pfizer Essential Health

Table A: Prioritized List of Products *

Product	Unit of Sale NDC	Description
Diazepam Injection, USP, CIV	00409-1273-32	10 mg/2 mL (5 mg/mL) CARPUJECT™ Luer Lock Glass Syringe (no needle) [†]
Heparin Sodium Injection, USP	00409-1316-32	5,000 USP Units/0.5 mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Hydromorphone Hydrochloride Injection, USP, CII	00409-1283-05	0.5 mg/0.5 mL iSecure™ Luer Lock Glass Syringe (no needle)
	00409-1283-31	1 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1312-30	2 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Labetalol Hydrochloride Injection, USP	00409-2339-34	20 mg/4 mL (5 mg/mL) CARPUJECT™ Luer Lock Glass Syringe (no needle)
Lorazepam Injection, USP, CIV	00409-1985-30	2 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Morphine Sulfate Injection, USP, CII (Preservative and Antioxidant Free)	00409-1890-01	2 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1891-01	4 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Naloxone Hydrochloride Injection, USP	00409-1782-69	0.4 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)

**Products have been prioritized based on medical necessity and importance to patient care. At this time, we are only manufacturing the prioritized products. We will resume production of the deprioritized products once supply recovers on the prioritized products.*

[†]Product is on long term back order

Table B: Deprioritized List of Impacted Opioid and Non-Opioid PFS Products*

Product	Unit of Sale NDC	Description
0.9% Sodium Chloride Injection, USP	00409-1918-32	2 mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1918-33	3 mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1918-35	5 mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Buprenorphine Hydrochloride Injection, CIII	00409-2012-32	0.3 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Demerol™ (meperidine hydrochloride injection, USP) CII	00409-1176-30	25 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1178-30	50 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1179-30	75 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1180-69	100 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Diphenhydramine Hydrochloride Injection, USP	00409-2290-31	50 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Fentanyl Citrate Injection, USP, CII	00409-1276-32	100 mcg/2 mL (50 mcg/mL) CARPUJECT™ Luer Lock Glass Syringe (no needle)
Heparin Sodium Injection, USP	00409-1402-12	5,000 USP Units/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Hydromorphone Hydrochloride Injection, USP, CII	00409-1283-10	1 mg/mL iSecure™ Luer Lock Glass Syringe (no needle)
	00409-1312-10	2 mg/mL iSecure™ Luer Lock Glass Syringe (no needle)
	00409-1304-31	4 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Ketorolac Tromethamine Injection, USP	00409-2287-31	30 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-2287-23	30 mg/mL iSecure™ Luer Lock Glass Syringe (no needle)
	00409-2287-61	60 mg/2 mL (30 mg/mL) CARPUJECT™ Luer Lock Glass Syringe (no needle)
Lorazepam Injection, USP, CIV	00409-1539-31	4 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Metoprolol Tartrate Injection, USP	00409-1778-35	5 mg/5 mL (1 mg/mL) CARPUJECT™ Luer Lock Glass Syringe (no needle)
Midazolam Injection, USP CIV	00409-2306-62	2 mg/2 mL (1 mg/mL) CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-2306-12	2 mg/2 mL (1 mg/mL) iSecure™ Luer Lock Glass Syringe (no needle)
	00409-2307-60	5 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
Morphine Sulfate Injection, USP, CII (Preservative and Antioxidant Free)	00409-1890-11	2 mg/mL iSecure™ Luer Lock Glass Syringe (no needle)
	00409-1891-11	4 mg/mL iSecure™ Luer Lock Glass Syringe (no needle)
	00409-1892-01	8 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1892-11	8 mg/mL iSecure™ Luer Lock Glass Syringe (no needle)
	00409-1893-01	10 mg/mL CARPUJECT™ Luer Lock Glass Syringe (no needle)
	00409-1893-11	10 mg/mL iSecure™ Luer Lock Glass Syringe (no needle)
Ondansetron Injection, USP	00409-1120-12	4 mg/2 mL (2 mg/mL) iSecure™ Luer Lock Glass Syringe (no needle)

**Products have been prioritized based on medical necessity and importance to patient care. At this time, we are only manufacturing the prioritized products. We will resume production of the deprioritized products once supply recovers on the prioritized products.*

Table C: List of Opioids that Pfizer Produces in Ampuls and Vials**

Product	Unit of Sale NDC	Description
Demerol™ (meperidine hydrochloride injection, USP) CII	00049-1203-01	25 mg/0.5 mL (50 mg/mL) Glass Ampul
	00409-1253-01	50 mg/mL Glass Ampul
	00409-1254-01	75 mg/1.5 mL (50 mg/mL) Glass Ampul
	00409-1256-01	100 mg/mL Glass Ampul
	00409-1255-02	100 mg/2 mL (50 mg/mL) Glass Ampul
	00409-1181-30	1,500 mg/30 mL (50 mg/mL) Multiple Dose Glass Flip Top Vial
	00409-1201-20	2,000 mg/20 mL (100 mg/mL) Multiple Dose Glass Flip Top Vial
Fentanyl Citrate Injection, USP, CII	00409-9093-32	100 mcg/2 mL (50 mcg/mL) Glass Ampul
	00409-9094-22	100 mcg/2 mL (50 mcg/mL) Single Dose Glass Flip Top Vial
	00409-9093-35	250 mcg/5 mL (50 mcg/mL) Glass Ampul
	00409-9094-25	250 mcg/5 mL (50 mcg/mL) Single Dose Glass Flip Top Vial
	00409-9094-28	500 mcg/10 mL (50 mcg/mL) Single Dose Glass Flip Top Vial
	00409-9094-31	1,000 mcg/20 mL (50 mcg/mL) Single Dose Glass Flip Top Vial
	00409-9093-38	1,000 mcg/20 mL (50 mcg/mL) Glass Ampul ⁺
	00409-9094-61	2,500 mcg/50 mL (50 mcg/mL) Single Dose Glass Flip Top Vial
Hydromorphone Hydrochloride Injection, USP, CII	00409-2552-01	1 mg/mL Glass Ampul ⁺
	00409-3356-01	2 mg/mL Glass Ampul ⁺
	00409-3365-01	2 mg/mL Single Dose Glass Flip Top Vial
	00409-2540-01	4 mg/mL Glass Ampul ⁺
	00409-2634-01	(High-Potency Formulation) 10 mg/mL Single Dose Glass Flip Top Vial
	00409-2634-05	(High-Potency Formulation) 50 mg/5 mL (10 mg/mL) Single Dose Glass Flip Top Vial
	00409-2634-50	(High-Potency Formulation) 500 mg/50 mL (10 mg/mL) Single Dose Glass Flip Top Vial
Morphine Sulfate Injection, USP, CII (Preservative-Free and contains an antioxidant)	00409-1134-03	1,000 mg/20 mL (50 mg/mL) Single Dose Glass Flip Top Vial
	00409-1134-05	2,500 mg/50 mL (50 mg/mL) Single Dose Glass Flip Top Vial
Morphine Sulfate Injection, USP, CII (Preservative and Antioxidant Free)	00409-3814-12	5 mg/10 mL (0.5 mg/mL) Single Dose Glass Flip Top Vial
	00409-3815-12	10 mg/10 mL (1 mg/mL) Single Dose Glass Flip Top Vial
	00409-1135-02	250 mg/10 mL (25 mg/mL) Single Dose Glass Flip Top Vial

**Please check our availability report on our website at https://www.pfizerinjectables.com/Injectables_Availability_Report to receive the most up-to-date information on product availability.

⁺Product is on long term back order