





sodium bicarbonate 8.4% X 10 mL and 50 mL syringes

<u>The Issue:</u> The Lifeshield[™] (Pfizer) sodium bicarbonate 8.4% X 10 mL and 50 mL pre-filled syringes (PFS) have been discontinued in Canada. The only alternate option is sodium bicarbonate 8.4% in the 50 mL vial format, which will need to be used for crash kits and in wardstock areas going forward.

Practice Implications:

- Clinicians should be aware of this product change.
- Staff may see both the Lifeshield™ PFS products and 50 mL vials in circulation until remaining inventory of PFS is used up.
- The concentration of the Lifeshield™ PFS products is the same as the 50 mL vial (8.4%).
- The Lifeshield[™] sodium bicarbonate 8.4% X 10 mL PFS volume is <u>different</u> than the vial (50 mL).
- Clinicians should ensure they are prepared to use the vial format for treating metabolic acidosis in an urgent situation (e.g. where to locate required needles and syringes).

Product Comparison:

sodium bicarbonate 8.4% 10 mL pre-filled syringe	sodium bicarbonate 8.4% <u>50 mL</u> pre-filled syringe	Alternate: sodium bicarbonate 8.4% 50 mL VIAL	
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August 29, 2025	Drug Shortage		For further information contact:
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