



# Selenious Acid Injection, USP

## FREQUENTLY ASKED QUESTIONS

Pack NDC#	Strength	Supplied as	Shelf pack
0517-6502-10 <b>NEW!</b>	12 mcg/2 mL (6 mcg/mL) of selenium	2 mL Single-dose vial	10
0517-6560-05	600 mcg/10 mL (60 mcg/mL) of selenium	10 mL Pharmacy bulk package vial	5

**1. What is the indication for the Selenious Acid Injection, USP products shown above?**

Selenious Acid Injection, USP is a trace element indicated for adult and pediatric patients as a source of selenium for parenteral nutrition when oral or enteral nutrition is not possible, insufficient, or contraindicated.<sup>1</sup>

**2. What different dosage strengths are available?**

- There are 2 dosage strengths for Selenious Acid Injection, USP: 6 mcg/mL and 60 mcg/mL of selenium<sup>1</sup>
- Selenious Acid Injection, USP in a concentration of 6 mcg/mL is recommended for use in pediatric patients, particularly those weighing 7 kg or less<sup>1</sup>

**3. What is the difference between a single-dose vial (SDV) and a pharmacy bulk package (PBP) vial?**

- An SDV is intended for single use
- A PBP vial is a sterile preparation that contains many single doses

**4. What is the primary advantage of the Selenious Acid Injection, USP 12 mcg/2 mL SDV?**

The Selenious Acid Injection, USP SDV may improve dosing accuracy in pediatric patients weighing less than 7 kg.

**5. What is the recommended dosage of Selenious Acid Injection, USP for adults and pediatric patients?**

The dosages in the table below are general recommendations intended for most patients. However, based on clinical requirements, some patients may require a higher dose. The dosage of selenious acid should be individualized based on the patient's clinical condition, nutritional requirements, and the contribution of oral or enteral selenium intake.

Population	Recommended dosage by estimated weight <sup>1</sup>
Adults	60 mcg/day
Pediatric patients 7 kg and above	2 mcg/kg/day (up to 60 mcg/day)
Pediatric patients less than 7 kg	2 to 4 mcg/kg/day

**6. How is a PN admixture containing selenious acid stored?**

Use PN solutions containing Selenious Acid Injection, USP promptly after mixing. Admixture should be stored and refrigerated between 2°C to 8°C (36°F to 46°F) for no longer than 9 days. After removal from refrigeration, use promptly and complete the infusion within 24 hours. Discard any remaining admixture. Protect the admixed PN solution from light.<sup>1</sup>

PN=parenteral nutrition.

# Selenious Acid

Injection, USP

7. I use an automated compounding device for PN preparations. Are there any differences in the specific gravity, osmolarity, or any other intrinsic values that I need to know to program my compounding device?

Intrinsic value	12 mcg/2 mL	600 mcg/10 mL
Specific gravity	1.000 g/mL	1.000 g/mL
Osmolarity	13 mOsmol/L	16 mOsmol/L
pH	1.8 to 2.4	1.8 to 2.4

8. How is Selenious Acid Injection, USP administered?

Selenious Acid Injection, USP is not for direct intravenous infusion. Before administration, Selenious Acid Injection, USP must be prepared and used as an admixture in PN solutions.

9. What is the aluminum content of these products?

- Selenious Acid Injection, USP 12 mcg/2 mL SDV: No more than 900 mcg/L of aluminum<sup>1</sup>
- Selenious Acid Injection, USP 600 mcg/10 mL PBP: No more than 2,500 mcg/L of aluminum<sup>1</sup>

10. Do Selenious Acid Injection, USP products contain any preservatives?

Selenious Acid Injection, USP products are preservative-free.

11. Are Selenious Acid Injection, USP products latex-free?

Yes! For both products, the vial closure is not made of natural rubber latex.

You are encouraged to report adverse drug events (ADEs) to American Regent:

T 1.800.734.9236; E [pv@americanregent.com](mailto:pv@americanregent.com); F 1.610.650.0170

ADEs may also be reported to the FDA:

1.800.FDA.1088 or [www.fda.gov/medwatch](http://www.fda.gov/medwatch)

Medical information:

T 1.888.354.4855 (9:00 am – 5:00 pm Eastern Time, Monday – Friday)

[www.americanregent.com/medical-affairs](http://www.americanregent.com/medical-affairs)

For medical information outside of normal business hours that cannot wait until the next business day, please call 1.877.845.6371

## REFERENCE:

1. Selenious Acid Injection, USP [package insert]. Shirley, NY: American Regent, Inc. 8/2021.

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