

# Selenious Acid Injection, USP

October 2, 2019

American Regent, Inc. is pleased to make available the first FDA approved **Selenious Acid Injection, USP**. This presentation was developed to be aligned with the American Society for Parenteral and Enteral Nutrition (ASPEN) recommendations for trace element supplementation. ASPEN recommends the parenteral selenium intake in adults should be 60–100 mcg/day and for pediatrics, 2 mcg/kg/day<sup>1</sup>. The strength and concentration of the FDA approved **Selenious Acid Injection, USP** will permit delivery of the recommended dose of selenium in a smaller volume as compared to the previously available marketed unapproved product. **Selenious Acid Injection, USP** will now be sold in a pack of 5 (NDC# 0517-6560-05). The product will be available in a pack of 25 (NDC# 0517-6560-25) while supplies last. See [Full Prescribing Information](#) for dosing and administration.

**Selenious Acid Injection, USP** is indicated as a source of selenium for parenteral nutrition when oral or enteral nutrition is not possible, insufficient, or contraindicated<sup>2</sup>. See Important Safety Information below.

Please review the table below detailing specifications and differences between the FDA approved product, and the previously available marketed unapproved product:

	MARKETED UNAPPROVED	NEW FDA APPROVED PRODUCT
<b>MANUFACTURER</b>	American Regent	American Regent
<b>PACK NDC#</b>	0517-6510-25	0517-6560-05, 0517-6560-25
<b>PRODUCT NAME</b>	Selenium Injection	Selenious Acid Injection, USP
<b>STRENGTH</b>	<b>400 mcg/10 mL</b> (40 mcg/mL)	<b>600 mcg/10 mL</b> (60 mcg/mL)
<b>VIAL TYPE</b>	Single Dose Vial (SDV) - Glass	Pharmacy Bulk Package (PBP) Vial - Glass
<b>FILL VOLUME</b>	10 mL	10 mL
<b>CAP COLOR</b>	Orange	Purple
<b>PRESERVATIVE</b>	Preservative Free	Preservative Free
<b>ACTIVE INGREDIENT</b>	Selenious Acid	Selenious Acid
<b>OTHER INGREDIENTS</b>	Nitric Acid, Water for Injection	Nitric Acid, Water for Injection
<b>ALUMINUM CONTENT</b>	Contains no more than 2,500 mcg/L of aluminum	Contains no more than 2,500 mcg/L of aluminum
<b>SHELF LIFE</b>	24 Months	24 Months
<b>PACK SIZE</b>	25	5 and 25
<b>STORAGE</b>	20°C –25°C ( 68°F–77°F )	20°C–25°C ( 68°F–77°F )



If you have further questions, please contact the American Regent Customer Service team at **1-800-645-1706**.

#### REFERENCES

1. Vanek et al. ASPEN position paper: recommendations for changes in commercially available parenteral multivitamin and multi-trace element products. *Nutr Clin Pract*. 2012 Aug; 27 (4):440-91.
2. Selenious Acid Injection [package insert]. Shirley, NY: American Regent, Inc. 2019



## SELENIOS ACID INJECTION, USP

### For intravenous use

### INDICATIONS AND USAGE

Selenious Acid Injection is indicated in adult and pediatric patients as a source of selenium for parenteral nutrition (PN) when oral or enteral nutrition is not possible, insufficient, or contraindicated.

### Important Administration Information

Selenious Acid Injection is supplied as a pharmacy bulk package for *admixing use* only. It is *not for direct intravenous infusion*.

### IMPORTANT SAFETY INFORMATION

#### CONTRAINDICATIONS

None

#### WARNINGS AND PRECAUTIONS

**Pulmonary Embolism due to Pulmonary Vascular Precipitates:** If signs of pulmonary distress occur, stop the infusion and initiate a medical evaluation.

**Vein Damage and Thrombosis:** Selenious Acid Injection has a low pH and must be prepared and used as an admixture in PN solutions. Solutions with osmolality of 900 mOsm/L or more must be infused through a central venous catheter.

**Aluminum Toxicity:** Selenious Acid Injection contains aluminum that may be toxic. Aluminum may reach toxic levels with prolonged parenteral administration if kidney function is impaired. Preterm infants are particularly at risk for aluminum toxicity because their kidneys are immature, and they require large amounts of calcium and phosphate solutions, which also contain aluminum.

**Monitoring and Laboratory Tests:** Monitor selenium concentrations, fluid and electrolyte status, serum osmolality, blood glucose, liver and kidney function, blood count and coagulation parameters throughout treatment.

#### ADVERSE REACTIONS

No selenium-related adverse reactions have been reported in clinical studies or postmarketing reports in patients receiving intravenously administered PN solutions containing selenious acid within the recommended dosage range.

#### USE IN SPECIFIC POPULATIONS

**Pregnancy:** Risk Summary: Administration of the recommended dose of Selenious Acid Injection in PN is not expected to cause major birth defects, miscarriage, or adverse maternal or fetal outcomes.

**Lactation:** Risk Summary: Selenium is present in human milk. There is no information on the effects of selenious acid on milk production. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for Selenious Acid Injection and any potential adverse effects on the breastfed infant from Selenious Acid Injection or from the underlying maternal condition.



**Pediatric Use:** Safety and dosing recommendations in pediatric patients are based on clinical experience.

**Geriatric Use:** Dose selection should be individualized based on the patient's clinical condition, nutritional requirements, and additional nutritional intake provided orally or enterally to the patient.

For additional safety information, please see [Full Prescribing Information](#).

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**You are encouraged to report Adverse Drug Events (ADEs) to American Regent:**

**Email:** [pv@americanregent.com](mailto:pv@americanregent.com); **Fax:** 1-610-650-0170;

**Phone:** 1-800-734-9236

**ADEs may also be reported to the FDA at 1-800-FDA-1088**

or to [www.fda.gov/Medwatch](http://www.fda.gov/Medwatch)

**Drug Information:**

1-888-354-4855

(9:00 am - 5:00 pm Eastern Time, Monday - Friday)

For urgent drug information outside of normal business hours,  
assistance is available at:

1-877-845-6371

### **About American Regent**

American Regent, Inc. is a Daiichi Sankyo Group company with over \$1B in U.S. sales. American Regent develops, manufactures and supplies high-quality sterile injectables for healthcare providers and their patients.

Supporting patient health is the guiding principle of American Regent and our promise is to provide the healthcare marketplace with a steady supply and broad portfolio of branded and generic specialty injectables. We are a top-10 injectable supplier in therapeutic areas including IV additives, anti-inflammatories, diuretics, cytotoxics and diagnostic dyes. Additionally, for nearly 20 years, American Regent has been a leader in IV iron therapy and supplies two of the top-selling brands in the U.S. today.

For more information, please visit <https://www.americanregent.com>.

### **About Daiichi Sankyo**

Daiichi Sankyo is a global pharmaceutical company with corporate origins in Japan. We provide innovative products and services in more than 20 countries around the world. With more than 100 years of scientific expertise, our company draws upon a rich legacy of innovation and a robust pipeline of promising new medicines to help patients.

Through the outstanding knowledge and commitment of our 15,000 employees worldwide, we create innovative new and generic medicines, and new methods of drug discovery and delivery. We share a passion for innovation, as well as compassion for the patients around the world who are in need of our medicines.

For more information, please visit: [www.daiichisankyo.com](http://www.daiichisankyo.com). Daiichi Sankyo, Inc., headquartered in Basking Ridge, New Jersey, is a member of the Daiichi Sankyo Group. For more information on Daiichi Sankyo, Inc., please visit: [www.dsi.com](http://www.dsi.com)