

**Pharmacologic properties:**

Nitrite ion converts hemoglobin to methemoglobin which binds with the cyanide ion.

**Indications:**

- Cyanide, hydrogen sulfide, or sodium azide poisonings.

**Contraindications:**

- No evidence of cyanide poisoning.

**Precautions:**

- General side effects have included fatigue, weakness, and diaphoresis.

**Adverse Reactions:**

- Nervous system side effects have included generalized numbness and tingling, lightheadedness, headache, dizziness, blurred vision, seizures, confusion, and coma.

**Dosage and administration:**

## Adult

- 300 mg of a 3% solution IVP over 2-4 minutes.

## Pediatric

- 0.2 mL/kg of a 3% solution IVP to a maximum of 10 mL.