

IV Compatibility Product

Trissel's Drugs and Solutions Data

Arsenic Trioxide

Trade Name(s)	TRISENOX
pH Range [1017]	pH 7.5 to 8.0
Formulation [1017]	Provided as a clear colorless liquid injection of arsenic trioxide at a concentration of 1 mg/mL with sodium hydroxide and/or hydrochloric acid to adjust pH during manufacturing. NOTE: The injection must be diluted in 100 to 250 mL of compatible infusion solution for use.
Reconstitution [1017] [1274]	<p>Arsenic trioxide is cited by NIOSH as a drug that should be handled as hazardous.</p> <p>The concentrated arsenic trioxide injection must be diluted in 100 to 250 mL of dextrose 5% or sodium chloride 0.9% for intravenous infusion. Discard properly all unused portions of the drug. Any unused injection should not be saved.</p>
Storage [1017]	Store at controlled room temperature, and protect from freezing.
Maximum Stability [3112]	<p>Maximum reported stability periods:</p> <p>In D5W- 14 days at room temperature or refrigerated.</p> <p>In NS- 14 days at room temperature or refrigerated.</p>
Stability (Detailed) [1017]	<p>Arsenic trioxide injection in intact ampules stored as directed by the manufacturer is stable until the labeled expiration date.</p> <p>The manufacturer indicates that arsenic trioxide injection diluted for use in dextrose 5% or sodium chloride 0.9% is stable for 24 hours at room temperature and 48 hours refrigerated. However, other information indicates the drug is stable for longer periods.</p> <p>Discard properly all unused portions of the drug. Any unused arsenic trioxide injection should not be saved.</p>
Interaction with Plastics [3615] [3112]	No loss of arsenic (as the trioxide salt) due to sorption was reported in stability studies in polyvinyl chloride (PVC) bags.
Other Information [1274]	Arsenic trioxide is cited by NIOSH as a drug that should be handled as hazardous.
pHmax	8
pHmean	7.8
pHmin	7.5

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