5% HYPO - SODIUM THIOSULFATE

PURPOSE: Used for removing iodine when treating mercury treated slides, and as a "stop bath" for silver stains.

REAGENTS:

5% Hypo
Sodium thiosulfate 200.0 gm
Distilled water 4.0 L

Dissolve sodium thiosulfate into solution. Store in gallon jar, label, date, and initial.

SAFETY: Wear gloves, goggles and lab coat. Work in a well ventilated area. Sodium thiosulfate: Toxic on ingestion. Can irritate the stomach. Irritant to skin, eyes and respiratory tract.

PROCEDURE:
1. After treating slides in iodine, wash in water, place in hypo solution for 5 minutes, wash in water, stain as desired.
2. After toning silver stains with gold chloride, place slides in hypo for 1-5 minutes to stop the silver reaction.

REFERENCES:
Crookham, J., Dapson, R., Hazardous Chemicals in the Histopathology Laboratory, 2nd ED, 1991, Anatech
5% HYPO- SODIUM THIOSULFATE
Sodium thiosulfate  200.0 gm
Distilled water  4000.0 ml

Mix well. Store in brown 1 gallon jar. Stable for two years.

CAUTION: Avoid contact and inhalation.

DATE:________________________
TECH:________________________
EXIRATION:___________________