

# CLEARING AGENTS

## XYLENE SUBSTITUTES FOR HISTOLOGY

### DESCRIPTION:

Rowley Biochemical offers two non-toxic, effective xylene substitutes for dewaxing and clearing in histologic applications. These safe alternatives are gentle toward tissue and do not cause shrinkage or morphology changes.

Clearing Agent XS-L is a clear aliphatic hydrocarbon with ultra-low sulfur content. With a 144 °F flash point, Clearing Agent XS-L is non-flammable and non-toxic and allows tissue processing without the danger of carcinogenic xylenes.

Clearing Agent XS-C is a citrus terpene/limonene solvent. Based on natural products, Clearing Agent XS-C is safer for use than traditional xylene solvent for clearing and de-waxing. A pleasant citrus odor is characteristic of Clearing Agent XS-C.

### FEATURES & BENEFITS:

- Non-toxic
- Safe for use with tissue—no shrinkage or damage
- Non-flammable option available
- Ready to use liquid
- pH controlled for consistent results

### PROPERTIES:

PROPERTY	CLEARING AGENT XS-L	CLEARING AGENT XS-C
Flash Point	144 °F	>110 °F
Odor	Mild/none	Citrus
Color	Colorless	Colorless
Clearing Rate	Rapid	Rapid

Rowley Biochemical 10 Electronics Ave, Danvers, MA 01923 Tel: 978-739-4883 Fax: 978-739-5640  
www.rowleybio.com