

E-Liminate Pit

OPTICAL MEDIA ANTI-PITTING / WETTING AGENT

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E-eliminate Pit is a high purity wetting agent formulated for use in electronic grade sulfamate nickel electroforming. A member of the E-Line family of DisChem electroforming products, E-eliminate Pit is 100 % photoresist compatible and formaldehyde free.

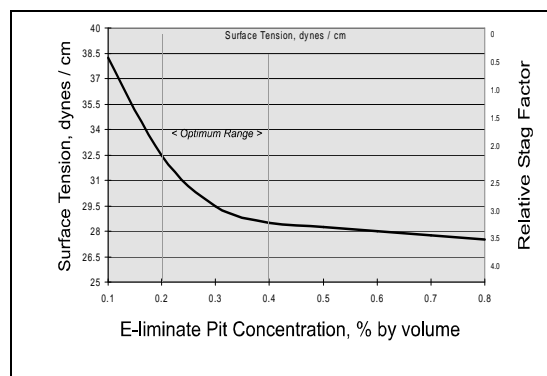
E-Liminate Pit provides high wetting action for the prevention of pitting due to hydrogen gas generated during electroforming. Still, E-eliminate Pit is low foaming for use with today's high flow and agitation electroforming equipment.

E-eliminate Pit's proprietary surfactant system solublizes and emulsifies organic contaminants to greatly reduce organic co-deposition which may cause nodules and roughness. This coupling action allows for the easy removal of organic contamination by carbon filtration; E-eliminate Pit acts like a net for capturing organic contaminants. While E-eliminate Pit will pass through activated carbon in its pure form, it actually assists in the removal of organic contaminants captured from solution.

E-eliminate Pit does not co-deposit with nickel so it has virtually no impact on the internal stress of deposit.

SPECIFICATIONS:

E-eliminate Pit should be maintained between 0.2 - 0.4 % v/v. This concentration provides an optimum solution surface tension range of 28.25 - 32.5 dynes / cm. The concentration of E-eliminate Pit may be easily determined through use of a stalagmometer or tensiometer (follow the manufacturers instructions of determining surface tension). The relationship between the concentration of E-eliminate Pit and bath surface tension is demonstrated below:



Contact your DisChem representative for information on stalagmometer and tensiometer testing and equipment.

DisChem's E-Line products are specially formulated to conform to the purity and internal stress of deposit standard required by optical disc and hologram electroforming.

PRODUCT AVAILABILITY

E-Liminate Pit Is provided as a high purity concentrate for easy dilution and handling.

5 gallon pail EWA05

All listed quantities are in US gallons

PRODUCT / ORDERING INFORMATION:**United States:**

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MANUFACTURERS STATEMENT:

The data contained in this bulletin is believed to be true and accurate. Optimum results will be obtained when using the product within the recommended parameters. As final use of this product is beyond the control of the manufacturer, we assume no responsibility for misuse of this product, or for use which may infringe upon third party patents.

DisChem MISSION STATEMENT

DisChem is dedicated to serving the needs of the microlithography industry through innovative solutions for success. We provide the highest quality products and services available, unmatched cost per quality.

OTHER DisChem PRODUCTS:

- ◆ **SurPass Cationic Priming Agents**
- ◆ **StamperPrep Optical Electroform Soak / Electro-Clean / Electro-Passivation Compound**
- ◆ **E-FORM Electronic Grade Sulfamate Nickel Concentrate (180 g/L)**
- ◆ **E-Line pH High Purity Sulfamic Acid (99.8% min.)**
- ◆ **E-eliminate Pit Optical Media Wetting Agent, 100% photoresist compatible formaldehyde free.**
- ◆ **Boric Acid, Ultra-Pure (99.8% min.) / Fast Dissolving**
- ◆ **DisChem Analytical Service**

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