



### Ultrasonic Liquid Cleaner



#### Description

Chem-Crest 2000X is a non-ionic ultrasonic cleaner. It is capable of removing and dispersing various lubricants, lapping compounds, various machining residues, fingerprints and particulates; typical contaminants of the disk drive. It is free rinsing and biodegradable.

#### Substrate Compatibility

Chem-Crest 2000X is compatible with the HGA's or the HSA's in general and is compatible with other metallic and plastic components of disk drives such as the sliders, coils, flexure cables, disk spacer, bulkhead connector header, magplate, motor nut, baseplate, cover, screws, O-ring, latch bracket etc.

#### Operating Concentration

Chem-Crest 2000X is used at typical dilutions of 2-4% by volume. Concentration may be varied based on the type and age of the contaminants. Typical operating temperature is in the range of 50°C-65°C. Chem-Crest 2000X is easy to rinse and leaves no residues when ultrasonically rinsed with deionized water. The ultrasonic frequency in the rinse is recommended to be 68 kHz, 132 kHz or higher.

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#### Storage

Avoid freezing conditions. Handle with care. Avoid breakage of containers.

#### Disposal Methods

Biodegradable. Dispose of in accordance with Federal, State and Local Government regulations

#### Safety Precautions

Avoid spills. See Material Safety Data Sheet before using it.

#### Availability

Chem-Crest 2000X is available in cases of 4x1 gallons, in 5 gallon and 55 gallon containers.

#### Physical Data

Flash Point: None  
Specific Gravity: 1.0+/-0.05  
pH: 6.5+/-0.8  
Solubility in Water: Complete  
Volatiles: N/A

*\*These values do not constitute specifications*

