

PRODUCTS

- **The NuKoat RP1 & RPWF** Liquids are a unique blend of multiple azoles and a proprietary Corrosion Inhibitor. This unique blend provides unmatched corrosion protection in semiconductor devices and Read/Write heads.
- **NuKoat RP1 & RPWF** corrosion inhibitors provide cost-effective solutions to corrosion problems by delivering a protective shield to metals including copper, brass, aluminum, steel, cobalt, zinc, magnesium, and silver.



Corrosion Protection:

- Film forming protection
- Polymeric film (proprietary)
- Typically mono-molecular layer. 5-10 Angstroms. May form thicker layers up to 200 Angstroms.
- Stable film, up to 225 °C
- Removed with acidic or alkaline cleaners

NuKoat RP1

- RP1 is an aqueous (water based) fluid.
- RP1 is readily soluble in all water based solution (polar solutions).

NuKoat RPWF

- RPWF is an aqueous (water based) fluid that contains no water in concentrated form. RPWF is soluble in all polar fluids (water soluble).
- RPWF has been solubilized in propylene glycol instead of DI water.

Application Method:

- May be used as a standalone inhibitor for film forming corrosion protection.
- May be added to existing solutions for added corrosion protection: cleaners, rinse tanks, slurries, slicing and dicing fluids etc...
- Typical concentration range is from 0.3% to 3% by volume, depending on application.

Availability: Available in 5, 55 and 275-gallon containers. Bulk tank shipments also available.

Shipment: Freight classification: "Iron Rust Removing or Preventing Compound, NOBIN – Liquid."

Storage: Keep from freezing. Store between 40-120°F.

Disposal: Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: info@nugentec.com.

