



Health & Beauty Solutions, Inc.

## Retinol CU50

**Description:** Retinol CU50 is a California Proposition 65 compliant source of anti-aging retinol for use in cosmetic formulations. Retinol is the most efficacious form of vitamin A for cosmetic use. This retinol ingredient is free of BHA (butylated hydroxyanisole) which allows formulations made with this ingredient to avoid a Proposition 65 warning label. Other retinol sources often contain BHA and therefore require a warning statement on products sold in the state of California.

### Typical Properties

INCI Name:	Retinol and Polysorbate 20
Appearance:	Light yellow to yellow oily, viscous liquid
Retinol concentration:	46 - 50%

### Packaging:

Aluminum bottles

### Standard packouts:

1.0 kg  
2.0 5 kg

### Formulation Guidelines:

Retinol should always be handled under yellow light to prevent isomerization and exposure to oxygen should be minimized by sparging the formulation with nitrogen and adding the CU50. Retinol during the cool down phase of making an emulsion. Once the original package has been opened, use all of the retinol or purge the bottle with inert gas (oxygen free nitrogen or argon) and then reseal the bottle.

