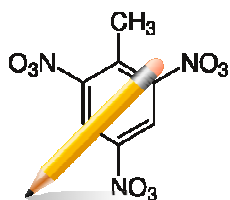




Hydroquinone powder can be compounded to make a skin lightening cream. It is used to reduce the amount of melanin produced in the skin and create and even skin tone and gradually lightens the natural skin color. You can dissolve hydroquinone with **propylene glycol** or dionized water and add it to your cream based on the strength you need.

Store hydroquinone powder in a dark container that is sealed from light and air. Hydroquinone powder oxidizes quickly when it is exposed to light, heat and air so it is very important to preserve this chemical as much as possible.



Compounding with Hydroquinone

Visit our formula page that will provide a sample sheet on how to formulate with hydroquinone powder to create a cream. Some tend to just use a base cream that is already made or store bought. You will just need to disregard the other ingredients in our sample sheet and just dissolve the hydroquinone with propylene glycol or dionized water.

Appearance: White crystalline powder

Odor: Odorless

Solubility: 7g/100g water @ 25C (77F).

Specific Gravity: 1.33 @ 15C

Boiling Point: 285C (545F)

Melting Point: 170C (338F)

Vapor Density (Air=1): 3.81

Vapor Pressure (mm Hg): 4 @ 150C (302F)

Concentrations used in Cosmetics: 2-5%

What Is Hydroquinone?

Hydroquinone occurs as a white, almost tasteless crystalline powder, soluble in alcohol and slightly soluble in water. The topical application of Hydroquinone in animals suppresses the excretion of melanin from melanocytes.

The same action is thought to be responsible for the skin lightening effect of the drug in humans. Hydroquinone may cause reduction of melanocytes but this is usually temporary.

Can I Add Hydroquinone to a Cream?

Hydroquinone can be included in a base cream that is 60-80% water, 10% alcohol and 10-30% oils.

Hydroquinone must be dissolved in either Propylene glycol usp or dionized water and heat administered until the crystals dissolve.

Safetly Measures for Handling Hydroquinone?

You must be careful not to let the hydroquinone powder contact skin or clothing.

The crystals are a very fine powder and can be accidently inhaled, you can avoid this by wearing a face mask or handling the powder in a well ventilated area.

Can I Mix Hydroquinone with Monobenzone?

We do not recommend mixing these two active agents together in the same cream.

How much Hydroquinone Powder Do I Need to Make 5% Cream?

To make 100 grams of cream you will need to use 5 grams of hydroquinone

To make 50 grams of cream you will need to use 2.5 grams of hydroquinone

Reorder: Anita Nelson @ModelSupplies & DNASHopper csr@DNASHopper.com

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