

COLORFLAME

Colorflame Candle Composition Sheet

Colorflame candles are created using 100% natural ingredients. Everything used to make this exciting product is non-toxic, bio-degradable and derived from renewable resources.

Specifically, the ingredients used to create the structural body of the candles are as follows:

- 95% - Trimethyl Citrate - is an ester of citric acid and used as a food additive.
- 2% - Clove Oil - essential oil from the Clove Plant.
- 1.5% - Stearin - found in tropical plants such as Palms. It is used as tallow in the manufacture of candles and soap.

We then add either naturally re-occurring salts or metals to achieve the different colored flames:

Red

- Stearamide - Colorless leaflets with a melting point of 109°C; Used in many personal care products.
- Lithium Propanoate-an organic-metal salt
- Red Pigment

Yellow (orange)

- Stearamide
- Sodium Citrate- refers to any of the three sodium salts of citric acid. Trisodium citrate is used in medicine and is employed as a flavoring agent in certain varieties of club soda, as it possesses a saline, mildly tart flavor.
- Yellow Pigment

Blue

- Stearamide
- Potassium aluminum - is a naturally occurring sulfate mineral used in medicines and baking powder, in dyeing, papermaking, and tanning. Also known as alum; aluminum potassium sulfate; potassium alum
- Blue Pigment

Green

- Stearamide -
- Boric Acid – Occurring naturally as the mineral sassolite, boric acid is a water-soluble white or colorless crystalline compound, often used as an antiseptic or preservative.
- Green Pigment

Purple

- Stearamide -
- Potassium chloride - Occurring naturally as sylvite, KCl is a colorless crystalline solid or powder used in medicine, scientific applications and food processing.
- Purple Pigment