

## Hair Dye Copper

### Specification Sheet

**Description:** Synergistic complex of direct dyes and biotechnological ingredients including proteins and conditioning agents made specifically for semi-permanent hair coloring applications.

**CAS:** 68391-31-1, 77061-58-6, 26381-41-9, 26161-33-1, 100684-36-4

**INCI Name:** Basic yellow 57, basic red 51, basic brown 16, polyquaternium 37, hydrolyzed yeast protein.

**Composition:** Basic yellow 57, basic red 51, basic brown 16, polyquaternium 37, hydrolyzed yeast protein.

**Appearance:** Yellowish brown powder

**Benefits:**

- Water-soluble, cationic (conditioning) dyes with excellent affinity to hair.
- Excellent coloring intensity for semi-permanent applications.
- Ease of use: only requires addition of water before application.
- Easy to formulate with and convenient for home use.
- Ideal for re-coloring after chemical treatments (straightening or curling)

**Use:** Typical use level 1 - 4%. Add to water-based solutions. Product may stain the skin: wear gloves for formulating and applying product. For external use only.

**Applications:** Semi-permanent hair dye products.

**Solubility:** Water-soluble

**Preservation:** Preservative-free

**Storage:** Store light-protected at a cool and dry place.

**Country of Origin:** UK

**Raw material source:** Synthetic.

**Manufacture:** Proprietary blend of various pigments, proteins, and conditioning agents.

**Animal Testing:** Not animal tested.



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**GMO:** GMO-free

**Vegan:** Does not contain animal-derived components.

**HS Code:** 3204130000