

## Orco Synthrowite CAB-2™

**Orco Synthrowite CAB-2™** is an economical brilliant white, slightly blue cast, fluorescent optical whitener recommended for application on all types of acrylic and modacrylic fibers. **Orco Synthrowite CAB-2™** is recommended for brightening of acrylics whether alone or in conjunction with sodium chlorite.

### Physical Properties

<b>Chemical Nature</b>	Benzimidazole
<b>Appearance</b>	Clear Amber Liquid
<b>Ionic Nature</b>	Cationic
<b>Solubility</b>	Miscible with water
<b>Shade</b>	Blue white

### Application

#### ***Exhaust - Regular white***

Set bath cold and add:

- **Orconol CHSA Conc™** 1.00% on weight of fabric(owf)
- Ferrous Sulfate 0.50% owf
- **Orco Synthrowite CAB-2™** 0.50-6.00% owf
- Acetic Acid 56% pH of 4.0-5.0

Circulate bath for 5 minutes, raise temperature 1.5–2.0°F/minute to 170°F and hold for 5-10 minutes.  
Raise temperature to 212°F for acrylic; lower for modacrylic.  
Hold for 60 minutes, cool rinse, drain, and soften as desired.

#### ***Exhaust - One Bath Bleach and Brighten***

Set bath cold and add:

- **Orconol CHSA Conc™** 1.00% owf
- Sodium Chlorite 3.00% owf
- Sodium Nitrate 3.00% owf
- Oxalic Acid 2.00% owf
- **Orco Synthrowite CAB-2™** 0.50 – 6.00% owf

Run 5–10 minutes and raise temperature 212°F for acrylic and lower temperatures for modacrylics and hold for 60 minutes.

Cool rinse and drain.

Antichlor with 2.00% Sodium Bisulfite on weight of goods.

Raise temperature to 140°F, hold for 20 minutes, cool rinse well, and drain.

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