

Garment Processing Chemicals

PIDA SUPER OPT BRITE - HC

PIDA SUPER OPT BRITE - HC is a specialty product developed for Cotton to give strong, bluish white effect with excellent washing fastness.

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| 1. Physical Appearance | : | Greenish yellow powder |
| 2. Chemical Constitution | : | Stilbene derivative. |
| 3. C.I.No. | : | Brightener 24 |
| 4. Ionic Nature | : | Anionic. |
| 5 Solubility in Water | : | Easily soluble in boiling soft water up to 140 grams per liter. |
| 6. pH of 10% Aqueous Soln. | : | 8-10 |
| 7. Shade | : | Bluish. |
| 8. Application | : | Suitable for cellulose fabric in pad and exhaustion treatment. |
| 9. Doses | : | 0.2 to 1.0 % on the weight of dry fabric |
| 10. Compatibility | : | Not compatible cationic auxiliaries. |
| 11. Stability in the liquors | : | i)hypochlorite bleaching liquors -not stable
ii)Sodium chlorite bleaching liquors –not stable
iii)peroxide bleaching liquors -good
iv)reductive bleaching liquors –good (hydrosulphite-based)
v)acids -below pH-4.5 not stable
vi)alkali - good |
| 12 Stability on fabric | : | i)hypochlorite bleaching liquors -good
ii)Sodium chlorite bleaching liquors –not stable
iii)peroxide bleaching liquors -good
iv)reductive bleaching liquors –good (hydrosulphite-based)
v)acids -below pH-4 not stable
vi)alkali - good |
| 13. Fastness properties | : | i) light fastness - 3-4
ii)washing fastness in water- 4
iii)washing fastness in mech. 40°C- 5
iv)washing fastness in mech. 60°C- 4-5
v)washing fastness in mech. 95°C- 4
vi)washing fastness Sea water- 5 |
| 14. Storage stability | : | Stable if stored away from sunlight under roof in cool conditions. |
| 15. Toxicology & Ecology | : | PIDA SUPER OPT BRITE - HC |

doesn't yield any special hazard when used for the recommended applications provided the usual preliminary safety and hygiene rules for handling chemicals are observed.