

Decolorizing Agent



Decolorization is an important step in sugar production process. **SWEETOL™ CO** is a 100% active cationic polymer used for color removal in sugar manufacturing process. It can be used in cane or beet sugar processing. **SWEETOL™ CO** is highly effective in flocculating the negatively charged color particles, suspended solids and other colloidal particles.

SWEETOL™ CO can be used as-is or diluted with water (40:60) for a more effective dispersion. Proper use of **SWEETOL™ CO** is important to achieve good results. Do not mix with any other product or additive. Dosage depends on a variety of parameters which includes juice/syrup quality, cane/beet condition, etc.

- ✓ Increases cationic charge of sugar juice and syrup.
- ✓ Highly effective in reducing sugar color.
- ✓ Improves sugar brightness and crystal quality.
- ✓ Reduces ash.

To allow good mixing, **SWEETOL™ CO** should be added in the transfer line going to the Syrup Clarifier to increase the cationic charge. Do not mix with the syrup flocculant line. A starting dose of 20 - 40 ppm is recommended. Addition of anionic flocculant in Syrup Clarifier (**SWEETOL™ SFLOC-765**) precipitates the color and other impurities.

For juice decolorization, **SWEETOL™ CO** should be added after the juice heater before the juice enters the Clarifier. A starting dose of 5 - 10 ppm is recommended. This helps in color removal and clarification with the high molecular weight anionic polymer (**SWEETOL™ JFLOC-100**). To further assist in color removal, **SWEETOL™ CO** can be also be used at the last stage of Evaporator at the 40 - 60 ppm level.

Please consult your sales representative or call +1-850-575- 0921 before using the additive. Use of personal protective equipment is required when handling this product. Refer to MSDS for safety information. **SWEETOL™ CO** is made to comply with US FDA regulation cited in Title 21 (sugar liquor decolorization and clarification). **SWEETOL™ CO** is manufactured from food grade ingredients under Good Manufacturing

Specifications*	
Appearance	Clear Yellow Liquid
Specific Gravity at 25°C	1.05 (± 0.05)
Viscosity at 25°C (77°F), cps	100 - 150
Solubility in Water	Complete
Density at 25°C (77°F), lbs/gal	9.2 - 9.5
pH	6 - 7
Shelf Life	24 months

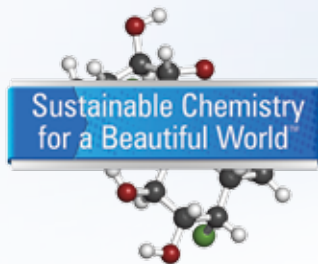
* Subject to change for custom products.



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