

B-141[®]

**Proxel[®]
GXL**

KK[™] 909

Starch is constantly exposed to mold and bacteria that attack the adhesive with devastating results. Initially, the breakdown of the starch is difficult to detect, but can still limit the corrugator's performance. Over time, bacteria will spread through the entire system – mixer, storage tanks, lines, etc. making the bonding process extremely difficult.

Some of the danger signs of mold and bacteria include:

- Rapid increase in gel temperature (3-6 degrees)
- Rapid decrease in viscosity
- Severe bonding problems

When the gel temperature rises it requires more heat at the corrugator, often reducing run speeds. The reduction in viscosity (and film strength) creates bonding problems because less starch can get applied to the flute tips. Corrugated Chemicals provides a proactive approach to controlling mold and bacteria. We offer a program that is easy to follow, and is the most effective in the industry. **B-141[®] Liquid, PROXEL[®] GXL, and KK[™] 909** can be dosed automatically if desired.

**B-141[®]
Eliminates Mold**

B-141[®] is available in both powdered or 1 lb. PVA bags and in liquid form. B-141[®] effectively kills mold and fungus while inhibiting the growth of bacteria. Recommended usage is 1 lb. per 666 gallons of starch in every batch excluding those made on the last production day of the week. If using B-141[®] Liquid, 4 lbs. is required for a 666-gallon batch.

**PROXEL[®] GXL
Kills Bacteria**

available in liquid form. PROXEL[®] GXL is extremely effective in eliminating a wide range of bacteria that thrive at a pH of 12 or higher. It provides long lasting results. Only 8-10 ounces per 666 gallons of starch in each batch on the last production day of the week is required to kill the bacteria and protect the starch over the weekend.

**KK[™] 909
Quick Kill for Bacteria**

is intended for use in either the starch making process or in waste water treatment for control of bacteria. KK[™] 909 offers a "Quick Kill" of existing bacteria. The dosage rate is 20 ounces per 666 gallons of starch or waste water.



The information contained in this bulletin is correct to the best of our knowledge. The recommendations or suggestions herein are made without guarantee or representation as to the results since the conditions of use are beyond our control. We suggest that you evaluate the recommendations contained in this bulletin in your own laboratory prior to use. No statement is to be construed as violating any copyright or patent. They are intended only as a source of information.

