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## Skin Cleaner Sanitation Guidelines

Skin cleaners are made from natural and organic materials that provide nutrients for microorganisms to grow. While quality skin cleaners incorporate preservatives to inhibit growth, it is possible, particularly in industrial and commercial environments to overwhelm the preservatives in a skin cleaner.

Several simple sanitation steps should be incorporated into your standard operating procedures to insure the integrity of all skin cleaners:

1. Keep container closed when not in use.
2. Do not mix different skin cleansers.
3. Never add a different skin cleanser to a dispenser without first emptying and rinsing the dispenser.
4. Every 4 to 6 months skin cleaner dispensers should be drained and cleaned by flushing with water and this includes flushing the dispensing nozzle and pump.

Dispensing from Drums:

1. Store skin cleaner stock in a limited or controlled access area. This limits the chance that another substance may be inadvertently or intentionally added to the drum.
2. Prior to opening a drum, clean top of drum with a general purpose cleaner. If drum has been exposed to lead, clean with a D-Lead<sup>®</sup> surface cleaner.
3. Wash and disinfect drum pumps regularly. Suggested approaches include:
  - a. Every time a pump is removed from a drum, the pump is cleaned and disinfected before using it in a new drum.
  - b. Scheduled sanitation. For low turnover drums every 3 months all pumps are removed, washed, disinfected and dried.
  - c. Rotating sanitation. For convenience two (2) drum pumps for each drum are maintained in inventory. When a drum is emptied, a clean pump is installed in the new drum and the used pump is set aside for cleaning.
4. We stock pump # DP-055, specifically designed for fast and easy disassembly for sanitation and replacement seals and valves are in stock.  
<https://esca-tech.com/ProductDetail.php?category=1600&productnum=DP2>

Washing Drum Pumps:

1. Drain soap from pump. This soap is normally used, and not discarded.
2. Rinse outside of the pump thoroughly until no soap residue is present.
3. Pump clean water through the pump until the water runs clear, i.e. no more suds in the discharge.
4. Check pump valves and seals for potential replacement.
5. Dry before use.

Disinfecting Drum Pumps:

After washing the pump completely wet with a solution of quaternary disinfectant according to the disinfectant's label instructions for 10 to 15 minutes. With D-Bact™ Industrial Disinfectant (# 7102ES) the mix ratio is 0.78 ounces (23 mL) per gallon or 6 mL per liter. Then rinse thoroughly and dry.

Following these simple guidelines will assure a trouble free skin cleaning system with minimum waste. If you have any questions, please do not hesitate to contact us.