**Section 604.1130 Sodium Chlorite**

a) Storage

1) Sodium chlorite must be stored by itself in a separate room and preferably must be stored in an outside building detached from the water treatment facility.

2) The storage structures must be constructed of noncombustible materials.

3) The storage room must be available to keep the sodium chlorite area cool enough to prevent heat induced explosive decomposition of the chlorite.

b) Provisions for the clean-up of any sodium chlorite release must be included in the facility's emergency operation plan specified in Section 604.150.

c) Feeders

1) Positive displacement feeders must be provided.

2) Tubing for conveying sodium chlorite or chlorine dioxide solutions must be Type 1 PVC, polyethylene or materials recommended by the manufacturer.

3) Check valves must be provided to prevent the backflow of chlorine into the sodium chlorite line.