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Registered to ISO 9001

Molecular Sieve Products (desiccant), when unused, present no environmental risks for disposal. The potential disposal problem occurs when the molecular sieve adsorbs hazardous compounds during its operating life. Every state has their guidelines for disposing of potentially hazardous material, so the following procedure should be followed:

- The customer should regenerate the molecular sieve before dumping the beds. This will help vaporize most of the impurities in the molecular sieve.
- Contact a local landfill to determine what hazardous compounds need to be tested to clear the molecular sieve for disposal.
- Have a lab run a composition analysis to determine the type and concentration of impurities on the molecular sieve.
- The customer should hold on to the analysis. If the plastic type/process conditions do not change. Many landfills will except the analysis for future disposals.

The only systems that may present a problem are the closed loop/re-circulating polymerization dryers. The molecular sieve can adsorb some polymerization by-products, which may be environmentally questionable. Single pass dryers should not be a problem, assuming the air is clean.