

**21—44.10(206) Mixing, repackaging and transfer of pesticides.** Pesticides shall be mixed, repackaged and transferred in a manner that will prevent unreasonable adverse effects to humans or to the environment. Physical and chemical properties, including volatility, toxicity and flammability, shall be considered in the mixing, repackaging and transfer of pesticides.

**44.10(1)** Spilled, leaked or unchecked pesticides.

*a.* Liquid pesticides that are spilled, leaked or otherwise unchecked during the normal operation of permanent pesticide storage and mixing sites (including the mixing, repackaging and transfer of pesticides) must discharge or drain into a watertight catch basin from which discharges are to be recovered, including discharge from any empty pesticide containers not rinsed according to label.

*b.* Dry pesticides that are spilled or otherwise unchecked during normal operation of permanent pesticide storage and mixing sites (including the mixing, repackaging and transfer of pesticides) must be located within an operational containment area that is curbed and watertight to facilitate the recovery of any product spilled.

**44.10(2)** All washing of pesticide handling and application equipment performed at a permanent pesticide storage and mixing site shall be conducted within an area which drains to a watertight containment structure. No pesticide rinsates or wash waters from pesticide equipment shall be disposed of through storm sewer systems; and no pesticide rinsates or wash waters shall be disposed of through sanitary sewer systems without a National Pollutant Discharge Elimination System Permit; and no pesticide rinsates or wash waters shall be disposed of through sanitary sewers connected to a publicly owned treatment works without prior approval of the sanitary sewer authority and in accordance with the discharge limitations of a pretreatment agreement or sewer use ordinance.

**44.10(3)** Prior to refilling, bulk pesticide containers must be thoroughly cleaned except when a sealed or dedicated recyclable bulk pesticide container is refilled with the same labeled pesticide product as the preceding product.

**44.10(4)** All drainage into a containment structure shall be monitored and properly managed. All rinsates and minor spillages related to pesticides which have not resulted from a container failure and which accumulated in the secondary containment structure shall be disposed of as provided by the product's original labeling. If contaminated with a pesticide product that is labeled incompatible because of chemical characteristics, the pesticide bureau of the Iowa department of agriculture and land stewardship shall be contacted for guidance.

**44.10(5)** All pesticide handling facilities shall be equipped with adequate personal protective equipment as required by each label of each pesticide handled and as needed for the number of employees handling these pesticides. Emergency first-aid provisions shall be maintained in an area immediately accessible by all employees, if and when needed.

**44.10(6)** Field mixing and transferring of pesticides, including field rinsing of equipment, is exempted from the on-site containment provisions of rule 21—44.2(206). Rinsates shall be field applied at rates compatible with pesticide product labeling. No mixing and transferring of pesticides and rinsing of equipment shall be conducted on public highways, roads and streets.