



## Ohio Administrative Code Rule 3745-51-23 Characteristic of reactivity.

Effective: February 12, 2018

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(A) A waste exhibits the characteristic of reactivity if a representative sample of the waste has any of the following properties:

- (1) The waste is normally unstable and readily undergoes violent change without detonating.
- (2) The waste reacts violently with water.
- (3) The waste forms potentially explosive mixtures with water.
- (4) When mixed with water, the waste generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.
- (5) The waste is a cyanide or sulfide bearing waste which, when exposed to pH conditions between two and 12.5, can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.
- (6) The waste is capable of detonation or explosive reaction if the waste is subjected to a strong initiating source or if heated under confinement.
- (7) The waste is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure.
- (8) The waste is a "forbidden explosive" as defined in 49 CFR 173.54, or is an "explosive in Class 1" in "Division 1.1," "Division 1.2," or "Division 1.3" as defined in 49 CFR 173.50 and 49 CFR 173.53.

(B) A waste that exhibits the characteristic of reactivity has the EPA hazardous waste number of D003.



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[Comment: For dates of non-regulatory government publications, publications of recognized organizations and associations, federal rules, and federal statutory provisions referenced in this rule, see rule 3745-50-11 of the Administrative Code titled "Incorporated by reference."]