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Title 22@ Social Security

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Division 4.5@ Environmental Health Standards for the Management of Hazardous Waste

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Chapter 11@ Identification and Listing of Hazardous Waste

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Article 3@ Characteristics of Hazardous Waste

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Section 66261.23@ Characteristic of Reactivity

66261.23 Characteristic of Reactivity

(a)

A waste exhibits the characteristic of reactivity if representative samples of the waste have any of the following properties: (1) it is normally unstable and readily undergoes violent change without detonating; (2) it reacts violently with water; (3) it forms potentially explosive mixtures with water; (4) when mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment; (5) it is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 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) it is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement; (7) it is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure; (8) it is a forbidden explosive as defined in 49 CFR section 173.51 (as amended April 20, 1987), or a Class A explosive as defined in 49 CFR section 173.53 (as amended April 5, 1967) or a Class B explosive as defined in 49 CFR section 173.88 (as amended May 19, 1980).

(1)

it is normally unstable and readily undergoes violent change without detonating;

(2)

it reacts violently with water;

(3)

it forms potentially explosive mixtures with water;

(4)

when mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment;

(5)

it is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 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)

it is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement;

(7)

it is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure;

(8)

it is a forbidden explosive as defined in 49 CFR section 173.51 (as amended April 20, 1987), or a Class A explosive as defined in 49 CFR section 173.53 (as amended April 5, 1967) or a Class B explosive as defined in 49 CFR section 173.88 (as amended May 19, 1980).

(b)

A waste that exhibits the characteristic of reactivity has the EPA Hazardous Waste Number of D003.