

ENVIRONMENTAL MONTHLY GREEN SHARE



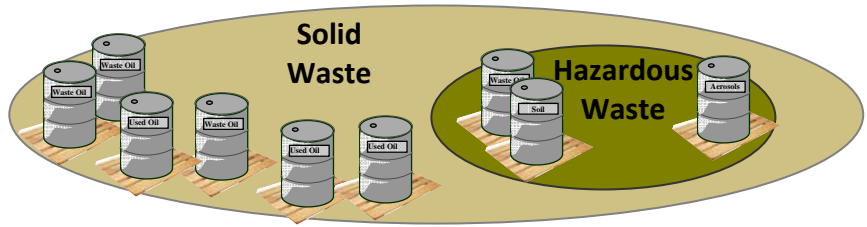
Morenci Hazardous Waste



AZ Admin. Code (R18-8-260 to 280, AZ. Revised Statutes 49-901 through 944), and Fed. Haz Waste Regulation (40 CFR §260 to 299)

REMINDER:

All hazardous wastes are “solid” wastes; **but not all “solid” wastes are hazardous wastes.**



HAZARDOUS WASTE DETERMINATION (BMP 324):

Is it Hazardous?

1. Is it a “solid” waste?

Before it can be considered hazardous waste, it must first be a “solid” waste. A “solid” waste can be a solid, liquid or gas.

2. Is it excluded from hazardous waste regulations?

Per §261.4. Certain mining wastes including overburden and Bevill wastes are exempt from RCRA.

3. Is it listed?

Per 40 CFR 261 and not otherwise excluded.

4. Does it exhibit a hazardous characteristic?

Specific properties that cause a waste to be deemed hazardous.

Listed Wastes

- 40 CFR 261 includes four lists (F, K, P, & U) that include hundreds of specific industrial waste streams.
- A majority of the wastes listed are toxic to humans and/or the environment.
- Also includes acutely hazardous wastes which pose a threat even when managed properly. Fatal to humans or animals even in low doses.

Characteristic Wastes

Reactive— Explodes or produces toxic fumes under certain conditions



Ignitable— Catches fire under certain conditions



Toxic— Extremely harmful if absorbed or swallowed, or may leach toxic chemicals



Corrosive— Has a very high or low pH



WASTE MINIMIZATION

The best way to manage any waste is to not generate it in the first place. Here are some examples:

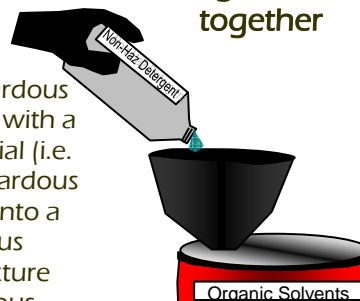
Choose non-hazardous products over hazardous products when possible



Morenci’s Product Review Process focuses on reducing the usage of hazardous products on property when possible.

Prevent wastes from being mixed together

Once a non-hazardous material is mixed with a hazardous material (i.e. pouring non-hazardous cleaning agents into a drum of hazardous solvents), the mixture becomes hazardous.



Minimize spills

Following the proper container storage and inspection procedures will help prevent spillage of hazardous wastes.



Questions? Contact Environmental Services at 928-865-6000.

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