

HPCC September Update



The HPCC received some very interesting materials this month. If Tempe residents did not take the time to bring these items in for proper disposal these items would have ended up in trash cans, been poured down drains or just left sitting on shelves or under cabinets.

While these items are only household chemicals, many of their ingredients pose a significant health risk to those that use the product or come across them unsuspectingly, like in the trash. Always remember to follow the directions on the label when using household chemicals. Here are a few hazards from the chemicals dropped of at the HPCC during September (Pictured above).

Lindane is toxic to humans, including carcinogenicity, reproductive and developmental toxicity, neurotoxicity, and acute toxicity.

DMSO will readily penetrate skin and may carry other dissolved chemicals into the body. The target organs are the central nervous system, eyes and skin.

Methyl Ethyl Ketone Peroxide is a severe skin irritant, causes redness, blistering, and edema. Prolonged storage at elevated temperatures of 100°F and higher will cause product degradation, gassing and potential container rupture which can result in a fire and/or explosion.

Stripper contains a chemical which is listed on the NTP for carcinogenicity.

Chlordane is moderately to highly toxic through all routes of exposure. Symptoms usually start within 45 minutes to several hours after exposure to a toxic dose.

Phosphoric Acid is very hazardous in case of skin contact (irritant), or eye contact (irritant).

Potassium Cyanide may be fatal if absorbed through skin. May be fatal if inhaled.

ANNUAL NUMBERS

TOTAL VISITORS
3,153

HOURS OPEN
429 Hours

COST PER VISITOR
\$45.00

TOTAL WEIGHT COLLECTED
199,700 pounds

RECYCLED
89%

E-WASTE
69,000 pounds

FLAMMABLE MATERIALS
23,000 pounds

TOXIC MATERIALS
6,800 pounds



Public Works Department
Household Products Collection Center
1320 E. University Drive