

The Science Behind



SECURE^a DRUG

Secure a Drug is the simple solution for deactivating and neutralizing pharmaceutical controlled substances. Secure a Drug allows for the easy and permanent removal of potential threats and abuse associated with the opioid crisis and beyond, reducing risk to those most vulnerable.

WHAT IS IT MADE OUT OF?

Secure a Drug utilizes an activated carbon solution to render controlled substances non-retrievable.

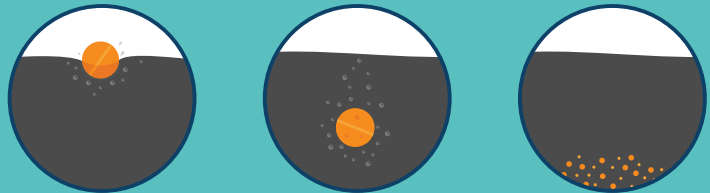
HOW DO I USE
SECURE A DRUG?



HOW LONG DOES IT TAKE TO WORK?

After disposing of drugs into the Secure a Drug the formula begins to denature medications. Most items will become fully adsorbed and neutralized in 7-10 days.

HOW DOES IT WORK?



Just like in your stomach, chemical digestion breaks down stuff, but instead of food, it's drugs. The activated charcoal in Secure a Drug acts like the stomach's enzymes, but for drugs, it absorbs and neutralizes, making the drugs harmless and safe to throw away. It's a similar process to your stomach breaking down food to get the nutrients out.

CHEMICAL DIGESTION

ACTIVATED CARBON

The key component in our products is activated carbon, a highly porous material that adsorbs and traps drug molecules which neutralizes the drugs.

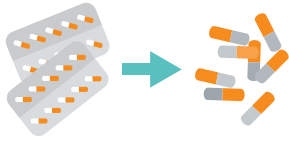
NEUTRALIZATION

Physically or chemically changing the drug to ensure that it cannot be consumed, extracted, or released into the environment in a way that poses a risk to human health or ecosystems.

ADSORPTION

When a broken down compound chemically attaches to another substance. Imagine a towel soaking up water when you spill it. Instead of just sitting on the surface, the towel envelops the water molecules and traps them inside.

HOW TO USE SECURE A DRUG



- 1 Remove medication from packaging (vial, bubble pack or foil)



- 2 Load unused or unwanted controlled medications into a Secure a Drug container.



- 3 Gently agitate container so the liquid slurry pours over the medications.

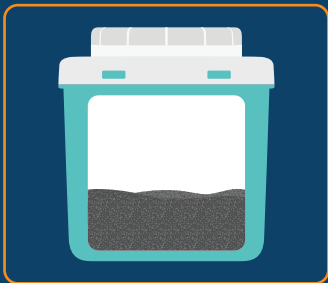


- 4 When container is full, secure lid and dispose in non-hazardous or hazardous waste stream.



WET FORMAT

The Wet format comes pre-filled with water and our activated carbon solution. The only action needed prior to medication disposal is to unscrew the lid.



DRY FORMAT

The Dry format does not come pre-filled with water, just the dry carbon solution. Add warm water up to the labeled fill-line prior to initial medication disposal. Once water is added, begin disposing medications.

SECURE A DRUG HELPS **PREVENT GROUND WATER LEACHING**

When you dispose of medications into the trash, they can end up in landfills where rainwater can wash them into the soil and eventually into groundwater. Using Secure a Drug products for drug deactivation prevents medications and their chemical properties from impacting the environment.

Canadian regulations prohibit disposal of medications in general waste.

WHY USE A **CARBON DEACTIVATION SYSTEM?**



PUBLIC SAFETY

Reduces risk of drug abuse, accidental ingestion, or misuse



COMPLIANCE

Meets Canadian regulatory requirements for proper disposal



ECO-FRIENDLY

Improper disposal can lead to water contamination and can harm wildlife

HOW LONG ARE SECURE A DRUG PRODUCTS **GOOD FOR?**



from their date of manufacture



from placing the first controlled substance into the container