



# DRUG DEACTIVATION: A SOLUTION TO AN EPIDEMIC

Prevention is more than dispensing less, it's about removing the abundant supply of prescription opioids from circulation to prevent misuse.

**70%** of opioids prescribed for surgical use remain unused and available for misuse<sup>1</sup>

**9.5 million**

More than 9.5 million Americans misuse opioids and of those Americans, 9.3 million misuse prescription opioids specifically.<sup>2</sup>

**108,000** predicted drug overdose deaths during the 12-month period ending January 2022 - the highest number of overdose deaths ever recorded in the U.S.<sup>3</sup>

**295 Americans** 295 Americans die everyday from a drug overdose.<sup>1</sup>

**1,000 American Kids** Everyday, 1,000 American kids misuse a prescription opioid.<sup>4</sup>



Deterra® is the first-to-market pioneer in at-home drug deactivation and disposal. Transparent, third-party testing proves its proprietary, patented technologies provide enough activated carbon to permanently deactivate the labeled amount of medication. Similar disposal products may not, and suspension in gel or other substances will not destroy active ingredients, leaving medications available for misuse, theft and environmental contamination.

[DeterraSystem.com](https://DeterraSystem.com)



# SAVE THE ENVIRONMENT WITH DRUG DEACTIVATION

Deterra's plant-based pouches have a smaller carbon footprint because they use organic carbon, are over 50% bio-based, and carry the I'm green™ certification.



In 2019 there were up to 200 pharmaceuticals detected in surface water, ground water and/or drinking water in the United States.<sup>5</sup>

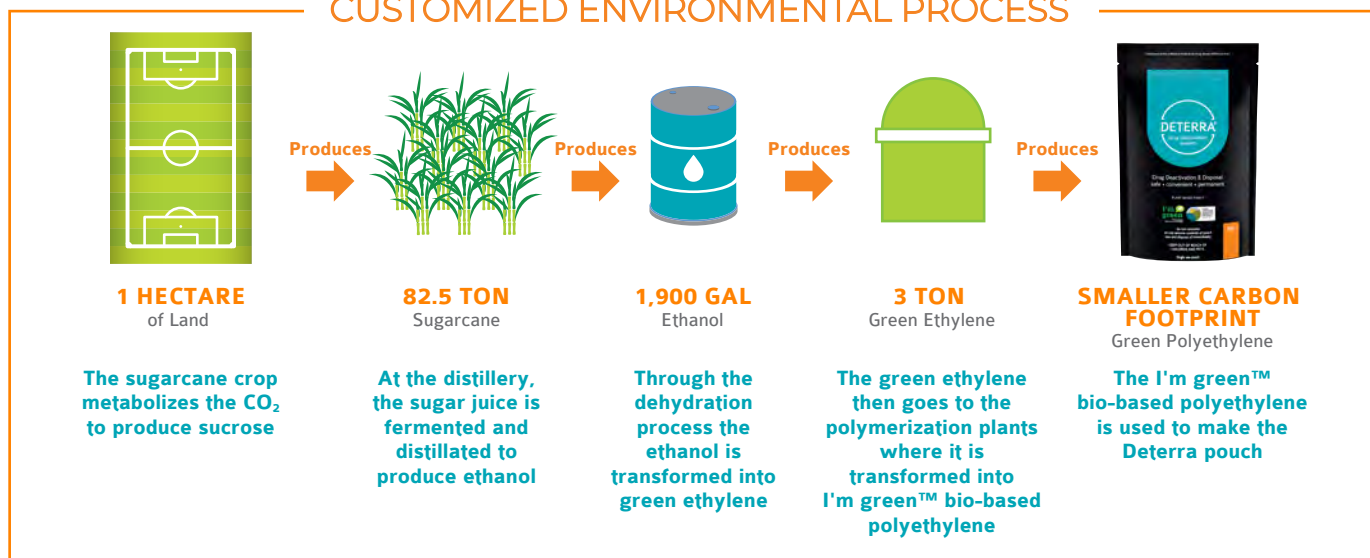


Conventional water treatment processes **ONLY** remove approximately 50% of pharmaceuticals from drinking water.<sup>6</sup>



1 in 2 Americans admit to improperly disposing of leftover/unused medications.<sup>6</sup>

## CUSTOMIZED ENVIRONMENTAL PROCESS



Visit [DeterraSystem.com](https://DeterraSystem.com) to learn more about proper drug deactivation and disposal or reach out to (612) 568-1128 or [Sales@DeterraSystem.com](mailto:Sales@DeterraSystem.com).

- <https://www.federalregister.gov/documents/2022/04/21/2022-08372/providing-mail-back-envelopes-and-education-on-safe-disposal-with-opioid-analgesics-dispensed-in-an>
- [https://www.samhsa.gov/data/sites/default/files/2021-10/2020\\_NSDUH\\_Highlights.pdf](https://www.samhsa.gov/data/sites/default/files/2021-10/2020_NSDUH_Highlights.pdf)
- <https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm>
- <https://www.samhsa.gov/data/release/2020-national-survey-drug-use-and-health-nsduh-releases>
- <https://www.oecd.org/environment/resources/pharmaceutical-residues-in-freshwater-policy-highlights.pdf>
- <https://www.scientificamerican.com/article/only-half-of-drugs-removed-by-sewage-treatment/>
- [https://www.stericycle.com/content/dam/stericycle/global/images/legacy/Takeback-Survey-Results\\_4-30.pdf.coredownload.inline.pdf](https://www.stericycle.com/content/dam/stericycle/global/images/legacy/Takeback-Survey-Results_4-30.pdf.coredownload.inline.pdf)



This consumer pouch has been manufactured in a factory designed and built to LEED® Silver sustainable building guidelines on equipment powered by 100% wind-generated electrical energy.