



## Who We Are

Strong Pharmaceutical Services, a division of Strong Environmental, Inc. (a Stericycle company), is the leading provider of destruction services to the pharmaceutical industry. Our experienced professionals manage and ensure the appropriate witnessed destruction of DEA controlled substances, as well as proper disposition of RCRA hazardous and non-hazardous finished goods and manufacturing wastes. When we take control of waste materials at your shipping dock, they become our full responsibility.

## Strong Pharmaceutical Services: Secure Pharmaceutical Destruction Solutions

6264 Crooked Creek Road  
Norcross, GA 30092  
770.409.1500 800.778.7664  
Solutions@StrongServices.com

[www.StrongPharma.com](http://www.StrongPharma.com)

# Propellant Reclamation

## Ozone Depleting Substances (ODS)

Chlorofluorocarbons (CFCs) and Hydrofluorocarbons (HFCs) are effective refrigerants used in residential, commercial and automotive air conditioning systems. CFCs and HFCs are also utilized as propellants for metered dose inhalers (MDIs), providing measured dose delivery of medications to the lungs. Additionally, the fire protection industry has relied on halocarbons (Halons) for many years as clean, effective fire suppression agents.

The U.S. EPA, however, now classifies CFCs and Halons as Class I, Ozone Depleting Substances (ODS), restricting usage to a limited number of industries, including the pharmaceutical industry. Eliminating inadvertent emissions of these destructive gaseous agents has great environmental implications, and it is the law. Furthermore, recent legislation and corporate awareness have pushed MDI manufacturers to seek non-CFC propellant replacements.

## Commitment to Quality

Our unique and dedicated process, reclaims gases back to the ARI-700 Standard under the Reclaimed Refrigerant Certification Program. Gases are tested, separated, reclaimed and laboratory certified before for resale to critical users. Reclaimed propellants/refrigerants are returned to the marketplace for use in military and critical need commercial applications.

## Gases Accepted for Reclamation

- R-12
- R-113
- HFC-227ea
- Halon 1211
- Halon 2402
- R13B1
- R-114
- HFC-125
- Halon 1301

## Cross-Contamination Program

Being a certified reclaimer enables us to accept "used" CFCs, HCFCs, HFCs, Halons and other specialty gases that are cross-contaminated with other agents. Once the level of cross-contamination and the time required for successful separation is determined, we will present fair terms for any salvageable material.

## Destruction

Occasionally, generators of ODSs and other gases select destruction as a preferable option. This may be for several reasons: either because the material is no longer legally usable, or is so badly deteriorated that it cannot be reclaimed back to industry standards, or if their corporate policies require permanent disposal of all ODS materials. Strong has environmentally responsible direct destruction capacity available.

Strong offers the highest possible quality propellant reclamation resources available on the market. Contact us for more information on environmentally sound and cost effective reclamation of your used ODS materials.