

# Inventory of Effective Food Contact Substance (FCS) Notifications

## ***FCN No. 1764***

**Food Contact Substance:** Pure Chlorine Dioxide

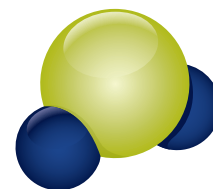
**Notifier:** Selective Micro Technologies, LLC

**Manufacturer:** Selective Micro Technologies, LLC

**Intended Use:** For use as an antimicrobial agent used to fumigate fruits and vegetables, including raw agricultural commodities (see Limitations/Specifications).

**Effective Date:** 08/02/2017

**Limitations/Specifications:** The FCS will be applied only in unlit areas and shall not exceed 3 ppm residual in the air. The treatment of fruits and vegetables will be followed by air flush or by blanching, cooking, or canning. For fruits and vegetables that are raw agricultural commodities, the FCS will be applied in the preparing, packing, or holding of the food for commercial purposes, consistent with the FD&C Act section 201(q)(1)(B)(i) but not applied for use under 201(q)(1)(B)(i)(I), (q)(1)(B)(i)(II), or (q)(1)(B)(i)(III). The FCS is not for use in contact with infant formula and human milk. Such uses were not included as part of the intended use of the substance in the FCN.





## Quick Reference

Pure (and only pure) chlorine dioxide offers many benefits from other common and well-known disinfectants. Unlike stabilized (dirty) chlorine dioxide, bleach and acids, pure chlorine dioxide from SMT, is far more powerful and offers much greater efficacy. Even with all of its power, pure chlorine dioxide demonstrates a negligible toxicity profile. Aside from highly efficacious mold remediation and attendant deodorization, the biggest differences you will get with use of SMT's patented, pure chlorine dioxide technology, especially as measured against many commonly known disinfection products, are **the following benefits**:

- Pure  $\text{ClO}_2$  is many times more powerful than bleach as a disinfectant and sanitizer
- Pure  $\text{ClO}_2$  is non-corrosive as compared to bleach or other disinfectants
  - Pure  $\text{ClO}_2$  is not a dermal sensitizer
  - Pure  $\text{ClO}_2$  may be used on food, water and food preparation surfaces
- Pure  $\text{ClO}_2$  is a very powerful oxidizer so germs and bacteria are unable to build up tolerance
- Pure  $\text{ClO}_2$  is effective against wide varieties of dangerous microorganisms:
  - Germs
  - Viruses
  - Spores
  - Molds and fungi
  - Bacteria (gram negative and gram positive bacteria)
- Pure  $\text{ClO}_2$  from SMT is easy to use
  - Just add water
  - Spray and walk away
  - Offers superior material compatibility
  - Pour any unused solution down any drain
  - Throw used packages in any trash receptacle
  - No special handling or disposal training necessary
- Pure  $\text{ClO}_2$  is also a powerful deodorizer
  - Pure  $\text{ClO}_2$  has higher kill capacity as compared to any other major oxidizer (2.5x)
  - Pure  $\text{ClO}_2$  offers superior ability to remove bio-slime (gas phase and aqueous application)

These are just a few of the benefits of Pure  $\text{ClO}_2$  from SMT. Our products are recognized and listed by the FDA, the EPA and OMRI (Organic Materials Review Institute). For more information please visit our website **[www.selectivemicro.com](http://www.selectivemicro.com)**.

### Selective Micro Technologies, LLC

6200 Avery Road, Suite A  
Dublin, OH 43016  
Office: (855) 256-8299  
Fax: (614) 467-3559  
[www.selectivemicro.com](http://www.selectivemicro.com)

