

Regulatory Compliance Overview

AGROWLYTE is a powerful, safe, and sustainable hypochlorous acid (HOCl) solution designed for agricultural and food industry applications. It complies with federal regulations for use as an antimicrobial and disinfectant, including food-contact surfaces, organic crop and livestock production, and direct crop/food contact applications. AGROWLYTE is EPA-registered, USDA Organic-approved, and conforms to FDA regulations.

Regulatory Approvals & Compliance References

EPA Tolerance Exemption for Hypochlorous Acid:

- 40 CFR § 180.940 - Allows use as an antimicrobial solution up to 200 PPM total available chlorine for food-contact surfaces.
<https://www.ecfr.gov/current/title-40/chapter-I/subchapter-E/part-180/subpart-D/section-180.940>

USDA National Organic Program:

- 7 CFR 205.601: Allowed in organic crop production.
<https://www.ecfr.gov/current/title-7/subtitle-B/chapter-I/subchapter-M/part-205#205.601>
- 7 CFR 205.603: Allowed in organic livestock production.
<https://www.ecfr.gov/current/title-7/subtitle-B/chapter-I/subchapter-M/part-205#205.603>
- 7 CFR 205.605: Allowed in organic food handling.
Handling: <https://www.ecfr.gov/current/title-7/subtitle-B/chapter-I/subchapter-M/part-205#205.605>

FDA Food Contact Surface Sanitizer:

- Permitted as a sanitizer for food-contact surfaces up to 200 PPM total chlorine.
<https://www.fda.gov/food/food-ingredients-packaging/food-contact-substances-notification>

Summary of Permitted Applications

Industry Use:

- Food-contact surface sanitizer
- Regulatory Approval: EPA (40 CFR 180.940) & FDA approval Compliance Limit: ≤ 200 PPM

Industry Use:

- Organic crop production
- Regulatory Approval: USDA (7 CFR 205.601) Compliance Limit: As disinfectant/sanitizer

Industry Use:

- Organic livestock production
- Regulatory Approval: USDA (7 CFR 205.603) Compliance Limit: As disinfectant/sanitizer

Industry Use:

- Organic food processing
- Regulatory Approval: USDA (7 CFR 205.605) Compliance Limit: Ingredient sanitizer

Industry Use:

- Direct crop/food contact.
- Regulatory Approval: USDA, FDA, EPA Approved Compliance Limit: ≤ 4 PPM residual chlorine

Summary of Permitted Applications

Industry Use	Regulatory Approval	Compliance Limit
Food-contact surface sanitizer	EPA (40 CFR 180.940) & FDA approval	≤ 200 PPM
Organic crop production	USDA (7 CFR 205.601)	As disinfectant/sanitizer
Organic livestock production	USDA (7 CFR 205.603)	As disinfectant/sanitizer
Organic food processing	USDA (7 CFR 205.605)	Ingredient sanitizer
Direct crop/food contact	USDA, FDA, EPA Approved	≤ 4 PPM residual chlorine

