
SECTION I – IDENTIFICATION

Product Name: Agent Herb Plant Cleanser and Cultivator

Product Number:

Product Description: Electro-Chemically activated solution of sodium chloride (0.9% or less)

Container Size: 275 Gallons, 30 Gallons, 5 Gallons, 1 Gallon

CAS Number: None (Mixture)

Recommended Use: This product is a ready-to-use, one-step plant cleanser for cleaning seeds, clones and plants, as well as cloning blocks. Hydroponic plant rejuvenator and irrigation system cleaner.

Manufacturer: Ethitec, LLC
Saddle River, NJ 07458
www.agentherb.com

Emergency Number: 1 (800)-424-9300

SECTION II – HAZARDS IDENTIFICATION

The following values are obtained using the guidelines prepared by the National Fire Protection Association (NFPA) and the American Coatings Association.

HMIS Rating:

- Health = 0
- Flammability = 0
- Physical = 0
- Reactivity = 0

NFPA/HMIS Definitions

0 = Minimal Hazard
1 = Slight Hazard
2 = Moderate Hazard
3 = Serious Hazard
4 = Severe Hazard

Agent Herb Plant Cleanser and Cultivator is not classified as hazardous for environmental use.

SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

Component(s)	CAS #	%Weight
Water	7732-18-5	≥ 99.00%
Hypochlorous Acid	7790-92-3	≤ 00.05%

The product contains no hazardous components.
The product contains approximately 500+ppm Free Available Chlorine (FAC).

SECTION IV – FIRST-AID MEASURES

Under normal use conditions the likelihood of any adverse health effect is low.

Skin Contact: If irritation occurs, wash affected area with water.

Eye Contact: If irritation occurs, flush eyes with water.

Inhalation: If breathing problems develop, move away from product and into fresh air.

Ingestion: If swallowed, rinse mouth with water and drink 8oz of water.

Medical conditions generally recognized as being aggravated by exposure to Product: N/A

SECTION V – FIRE-FIGHTING MEASURES

N/A. This product is Non-Flammable and Non-Explosive. No extinguishing techniques or equipment are required.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions: No personal protective equipment is required under normal conditions. The following suggestions should be considered in case of accidental chlorine release due to acidification.

Ventilation: Open air or good room ventilation is normally adequate for the safe use of the Product. Avoid breathing any vapors or fumes resulting from acid ventilation.

Respiratory Protection: In accordance with OSHA regulations (29 CFR 1910.134 and 29 CFR 1910.1000) fogging or spraying applications may require worker respiratory protection, such as (1) NIOSH/MSHA approved air-purifying respirators, or (2) NIOSH/MSHA approved canister/cartridge facial respirators for chlorine/acid vapors.

Eye Protection: Although Product is designed to be safe for eyes, good manufacturing and

laboratory practices recommend the use of chemical safety goggles for all applications involving chemical handling.

Protective Clothing: Although Product is designed to be safe for skin, good manufacturing and laboratory practice recommend that, at a minimum, rubber, neoprene, or other chemically impervious gloves be worn for all applications involving chemical handling.

Environmental Precautions: Product is $\leq 0.9\%$ Sodium Chloride (salt) solution and $< 0.05\%$ Free Available Chlorine. Some localities allow such concentrations to be sent to open storm sewers; however local environmental regulatory requirements should be followed. If desired, spills can be washed to sewer with plenty of water, or neutralized using sodium sulfite or sodium thiosulfate.

SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements.

Storage: Keep container tightly closed in a dry and well-ventilated place at room temperature. Avoid direct light exposure, freezing and extreme heat.

SECTION VIII – EXPOSURE CONTROLS

Engineering Control: None Required. Open air or good room ventilation is adequate for the safe use of this product.

Personal Protective Equipment (PPE): No PPE is required under normal conditions.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color & Odor:	Clear & Faint Chlorine/Ozone Odor
pH:	6.3 – 6.8
Specific Gravity (H₂O = 1 at 20°C):	1.00 – 1.06 g/ml
Density:	8.34 lbs/gal
Viscosity:	Comparable to Water
Boiling Point:	100°Celsius
Melting Point / Range:	N/A
Evaporation Rate:	Comparable to Water
Solubility in Water:	Complete
Flash Point:	N/A (Non-flammable)
Flammability:	Non-Flammable
Explosive Limits:	Non-Explosive
Vapor Pressure (mmHg at 20°C):	N/A
Vapor Density (Air = 1):	N/D

SECTION X – STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended handling and storage conditions.
Conditions to Avoid:	Direct light exposure, freezing and extreme heat. Avoid accidental or uncontrolled contact of product with acids and Hydrogen Peroxide.
Hazardous Decomposition Products:	None.
Hazardous Polymerization:	Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Route of Entry / Exposure: Skin Contact
Eye Contact
Inhalation
Ingestion

Potential Acute Health Effects:

Skin & Eye Contact/Inhalation/Ingestion: No potential health effects; product is non-hazardous.

Potential Chronic Health Effects:

Carcinogenic/Mutagenic/Teratogenic Effects: N/A.

Developmental/Reproductive Toxicity: Not Applicable.

Toxicity and Exposure limits to Chlorine:

TLV/TWA: 1 ppm (3 mg/cubic meter)

TLV/STEL: 3 ppm (9 mg/cubic meter)

Acute Oral LD50 in rats g/kg 0.73;

Dermal LD50 in rats g/kg 1.26 – 2.0

SECTION XII – ECOLOGICAL INFORMATION

Product presents no hazards to the environment. Product is bio-degradable and eco-friendly.

SECTION XIII – DISPOSAL CONSIDERATIONS

Follow disposal instructions on product label. Packaging can be disposed of as local laws permit for a non-hazardous material.

SECTION XIV – TRANSPORT INFORMATION

DOT: Not DOT regulated. No DOT label required.

IATA: Not dangerous good.

IMDG: Not dangerous good.

OSHA: No label required.

SECTION XV – REGULATORY INFORMATION

TSCA No: All chemicals in this Product are listed on the EPA TSCA Inventory list.

CERCLA/SARA: This Product has been reviewed according to the EPA “Hazard Categories” promulgated under Section 311 and 312 of SARA. It does not fall in any listed category and poses no risk of immediate (acute) health hazard, delayed (chronic) health hazard, fire hazard, or sudden release of pressure and is not reactive (see 29 CFR § 1910.1200).

OSHA Hazard Communication Standard: This product is not a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Clean Air Act: N/A.

SECTION XVI – OTHER INFORMATION

Preparation Date of Latest Revision: July 2025.

DISCLAIMER:

This Safety Data Sheet (SDS) was prepared in accordance with the provisions and requirements of 29 CFR § 1910.1200(g) and discloses the physical and health hazards of all hazardous chemicals contained in the product described in this SDS. Unless otherwise noted, this SDS does not describe or disclose all of the chemicals/components in the product, some of which may be Trade Secrets.

The information included in this SDS is based on data developed or compiled by Ethitec from open literature, independent laboratory studies, and other available scientific evidence, and is believed to be accurate and complete to the best of our knowledge. However, Ethitec makes no warranty with respect thereto. *Neither Ethitec, LLC make any representation or warranty, express or implied, with respect to the Product or its suitability for any purpose or use, hereby disclaiming all such warranties, including the implied warranties of merchantability and fitness for 3a particular purpose and the implied warranty that the Product is free of claims of third persons by way of infringement or the like.* Anyone intending to use the product described in this SDS should satisfy herself that the Product (1) is suitable for their particular purposes and intended uses, and (2) meets any safety and health standards applicable thereto. It is the obligation of each user of the product described in this SDS to determine and comply with all statutes, local, state and federal requirements, which are applicable to its use, storage and disposal.

ABBREVIATIONS:

ACGIH:	American Conference of Industrial Hygienists
ASTMI:	American Society for Testing and Materials International
CAS #:	Chemical Abstracts Service Register Number
CERCLA:	Comprehensive Environmental Response Compensation and Liability Act
CL:	Ceiling Limit
IARC:	International Agency for Research on Cancer
NIOSH:	National Institute of Occupational Safety and Health Hygienists
N/A:	Not Applicable
N/D:	Not Determined
NFPA:	National Fire Protection Association
NTP:	National Toxicology Program

OSHA:	Occupational Safety and Health Administration
PMCC:	Pensky-Martens Closed Cup Flash Point Determination
SARA:	Superfund Amendment and Reauthorization Act of 1986
STEL:	Short Term Exposure Limits
TCC:	Tagliable Closed Cup Flash Point Determination
TLV:	Threshold Limit Values
TWA:	Time Weighted Average, 8 hours

DISCLAIMER:

Agent Herb Plant Cleanser and Cultivator was designed to be less hazardous product than others currently in use.

Preparation Date: July 8, 2025

Prepared By: Ethitec, LLC