

Halved

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY IDENTIFICATION

Material Name: Spectricept - Stabilized Hypochlorous Acid
Material Use: Disinfection

Manufacturer: Spectrum Antimicrobials, Inc
Address: 1770 Corporate Circle
 Petaluma, CA 94954, USA
Contact: 001-707-206-5326

UK Representative: SpectrumX Healthcare Ltd
Address: Alex House 260/268 Chapel Street
 Manchester M3 5JZ, UK
Contact: +44 (0)7936 928670
Emergency Tel: +44 (0)7936 928670

SECTION 2: HAZARDS IDENTIFICATION

Adverse Human Effects and Symptoms: None of the ingredients are classified as Hazardous in the amounts present in the product. Under normal conditions of use the likelihood of any adverse health effects is minimal.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients	Approximate Concentration w/v%	CAS #	Other Names
Water	99.954	7732-18-5	NA
Hypochlorous acid	0.032	7790-92-3	NA
Zinc chloride	0.004	7646-85-7	NA
Copper chloride	0.004	7447-39-4	NA
Calcium Oxide	0.006	1305-78-8	NA

SECTION 4: FIRST AID MEASURES

- Inhalation** – None required. If discomfort develops, remove from further exposure. Obtain medical attention if any effects occur.
- Skin Contact** – None required. If irritation develops, flush with plenty of water and obtain medical attention.
- Eye Contact** – None required. If discomfort develops, flush eyes with plenty of water. Obtain medical attention if irritation develops.
- Ingestion** – None required. If discomfort develops, drink plenty of water. Obtain medical attention, if feeling unwell.

SECTION 5: FIRE FIGHTING MEASURES

- Flammability** – Yes No If yes, under which conditions:
- Means of Extinction** – Non-flammable
- Protective Equipment for Firefighters** – As in any fire, respiratory and eye protection required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal & Environmental Precautions** – None
- Spillages** – Clean up spilled liquid. Mop up or absorb with inert material (cloth, paper towel, etc.). Cleaning materials may be disposed of per local environmental laws. Recommended to finish cleaning with water.

SECTION 7: HANDLING AND STORAGE

- Handling Precautions** – None
- Storage Requirements** – Store in cool area away from UV or direct sunlight. Keep container tightly closed when not in use.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

- Personal Protection** – Maintain general industrial hygiene practices when using this product.
- Respiratory** – Adequate ventilation. Personal respiratory protection is not required. When dealing with large volume in confined areas, do not breathe vapour.
- Eye Protection** – Not required for normal use. Use safety glasses, if desired.
- Skin Protection** – Not required for normal use. Use latex or vinyl gloves, if desired.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** – Solution appears colourless
- Odor** – solution contains chlorine odour
- Solubility in Water** – Soluble
- Density** – 0.997 gm/cm³
- pH** – < 5.2
- Boiling Point** – 100°C

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	–	<input checked="" type="checkbox"/> Yes (X) <input type="checkbox"/> No	Loses its level of Hypochlorous Acid over time but remains within specified range as claimed in its shelf life. Solution will rapidly degrade in high temperatures and direct UV light. Product label contains shelf life information.
Conditions and Materials to Avoid	–	Heat and UV light	
Hazardous Decomposition Products	–	Chlorine (Cl ₂).	Avoid contact with other chemicals including acids, heavy metals, reducing agents, ammonia, ether.
Incompatible Materials	–	Avoid contact with other chemicals including acids, heavy metals, reducing agents, ammonia, ether.	

SECTION 11: TOXICOLOGICAL INFORMATION

Route of Entry: Skin Contact Skin Absorption Eye Contact Inhalation Acute Inhalation Chronic Ingestion

Effects and Symptoms of Short-Term Exposure	–	No reported adverse effects
Chronic Effects and Symptoms of Long-Term Exposure	–	No reported adverse effects. Has not been found to be a carcinogen nor produce genetic, reproductive, or development effects.
Sensitization	–	Non-sensitizing
Irritancy of Product	–	Non-irritating

SECTION 12: ECOLOGICAL INFORMATION

No ecological effects are to be expected

SECTION 13: DISPOSAL CONSIDERATIONS

Method of Waste Disposal	–	Dispose according to local regulations
Waste from residues / unused products	–	Can be landfilled, when in compliance with local regulations.
Contaminated containers	–	Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

Product Label:	Spectricept	RID/ADR	Not Regulated as Dangerous Goods	IATA:	Not Regulated as Dangerous Goods
UN Proper Shipping Name:	N/A	IMDG:	Not Regulated as Dangerous Goods		

SECTION 15: REGULATORY INFORMATION

Health, safety, and environment information shown on the label, the product is not classified as dangerous

Classification according to EU Directive 67/548/EEC: not applicable

Labelling according to Regulation (EC) No: 1272/2008 not applicable

SECTION 16: OTHER INFORMATION

MANUFACTURER DISCLAIMER: The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. This document shall be updated with additional information when found or becomes available.