

## Material Safety Data Sheet

### *AquaPill: WinterPill*

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer's Name:** HaloSource, Inc.  
**Corporate Address:** 1631 220<sup>th</sup> St. SE, Suite 100, Bothell, WA 98021  
**Manufacturer's Telephone:** (425) 881-6464 (Monday-Friday, 8AM-5PM PDT)  
**Emergency Telephone (24 Hours):** 800-424-9300 CHEMTREC (Domestic, North America)  
703-527-3887 CHEMTREC (International, collect calls accepted)

**Material/Trade/Product Name:** **AquaPill: WinterPill**  
**Synonyms:** None  
**Chemical Name:** Not available  
**Chemical Formula:** Not available  
**CAS No.:** Not applicable  
**EPA Registration #:** Not applicable  
**Product Use:** Pool start-up.

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	COMPONENT	%	OSHA HAZARDOUS?
	<i>All components are either non-hazardous or below de minimus quantities.</i>		NO

\* The sum of the asterisked components is 0.5%

*NOTE: See Section 8 for permissible exposure limits.*

#### SECTION 3: HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

Light yellow to translucent liquid with a slight odor.

Not likely to be hazardous.

##### POTENTIAL HEALTH EFFECTS

**EYE:** Not likely to be hazardous to eyes. However, organisms used are nonpathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.

**SKIN:** Not likely to be hazardous to skin. However, dermatitis and skin sensitization may develop after repeated and/or prolonged contact with human skin.

**INHALATION:** Not likely to be hazardous if inhaled.

**INGESTION:** Not likely to be hazardous if ingested. No effect if ingested in small amounts. A single dose of this product is rarely toxic by ingestion.

**CHRONIC EXPOSURE/CARCINOGENICITY:** None known.

**AGGRAVATION OF PRE-EXISTING CONDITIONS:** None known.

**POTENTIAL ENVIRONMENTAL EFFECTS:** None known.

**SECTION 4: FIRST AID MEASURES**

**FIRST AID PROCEDURES**

**EYE CONTACT:** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

**SKIN CONTACT:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

**INHALATION:** Move person to fresh air.

**INGESTION:** Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control center. Call poison control center.

**NOTE TO PHYSICIANS:** None.

**SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT:** Not available  
**UPPER FLAMMABLE LIMIT:** Not available  
**FLAMMABILITY CLASS (OSHA):** Not applicable

**AUTOIGNITION TEMPERATURE:** Not available  
**LOWER FLAMMABLE LIMIT:** Not available  
**FLAME PROPAGATION/BURNING RATE:** Not available

**UNIQUE FIRE PROPERTIES:** None known.

**HAZARDOUS COMBUSTION PRODUCTS:** None known.

**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, dry chemicals.

**PROTECTION OF FIREFIGHTERS:** Provide firefighters with self-contained breathing apparatus in positive pressure mode.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:** See Section 8 (Personal Protective Equipment).

**ENVIRONMENTAL PRECAUTIONS:** None known.

**METHODS FOR CLEANING UP:** For small spills, flush to waste treatment sewer (product is biodegradable.) For large spills, contain and collect for reuse.

## SECTION 7: HANDLING AND STORAGE

### SAFE HANDLING RECOMMENDATIONS

**VENTILATION:** No special ventilation needed.

**FIRE PREVENTION:** No special requirements, material is not flammable.

**SPECIAL HANDLING REQUIREMENTS:** Wash hands thoroughly after handling.

### SAFE STORAGE RECOMMENDATIONS

**CONTAINMENT:** Keep container closed when not in use.

**STORAGE ROOM RECOMMENDATIONS:** To maintain shelf life, avoid prolonged exposure to high temperatures and humidity.

**INCOMPATIBLE MATERIALS:** Strong acids or alkali compounds may inactivate biological cultures.

**STORAGE CONDITIONS:** None known.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** No special ventilation needed.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**EYE/FACE PROTECTION:** Wear safety glasses with side shields or goggles.

**SKIN PROTECTION:** No special protection required.

**HAND PROTECTION:** Natural or synthetic rubber gloves.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**GOOD HYGIENE/WORK PRACTICES:** Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

### EXPOSURE GUIDELINES

PERMISSIBLE EXPOSURE LIMITS						
INGREDIENT CAS NO.	OSHA		WISHA		ACGIH (TLV)	
	TWA	STEL	TWA	STEL	TWA	STEL
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**COLOR:** Light yellow to translucent  
**PHYSICAL FORM:** Liquid  
**pH:** 4.0 – 4.5  
**VAPOR DENSITY:** Not known  
**MELTING POINT:** Not known  
**SOLUBILITY IN WATER:** Soluble

**SHAPE:** Liquid  
**ODOR:** Slight  
**VAPOR PRESSURE:** Not known  
**BOILING POINT:** Not known  
**FREEZING POINT:** Not known  
**SPECIFIC GRAVITY OR DENSITY:** 0.995 – 1.008 (at 21C)

*NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.*

## **SECTION 10: STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** None known.

**MATERIALS TO AVOID (INCOMPATIBILITY):** Strong acids or alkali compounds may inactivate biological cultures.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

**ORAL LD<sub>50</sub> (rat):** Not available.

**DERMAL LD<sub>50</sub> (rabbit):** Not available.

**INHALATION:** Not available.

**SKIN IRRITATION:** Not available.

**EYE IRRITATION:** Not available.

**SKIN SENSITIZATION:** Not available.

**ADDITIONAL INFORMATION:** Not available.

## **SECTION 12: ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Not available.

**MOBILITY:** Not available.

**PERSISTENCE AND DEGRADABILITY:** Not available.

**BIOACCUMULATIVE POTENTIAL:** Not available.

**ADDITIONAL INFORMATION:** Not available.

### SECTION 13: DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it may meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

*NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.*

### SECTION 14: TRANSPORT INFORMATION

#### U.S. DEPARTMENT OF TRANSPORTATION (DOT):

<b>Proper Shipping Name:</b>	Not Regulated
<b>Hazard Class:</b>	Not Regulated
<b>Identification Number (UN Number):</b>	Not Regulated
<b>Packing Group (PG):</b>	Not Regulated

### SECTION 15: REGULATORY INFORMATION

**TSCA STATUS:** Components are listed

#### CERCLA REPORTABLE QUANTITY (RQ):

CHEMICAL NAME	RQ
Not applicable	Not applicable

#### SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS):

CHEMICAL NAME	TPQ	RQ
Not applicable	Not applicable	Not applicable

**SARA TITLE III SECTION 311/312 HAZARD CATEGORIES:** Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

ACUTE HEALTH HAZARD	CHRONIC HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD	SUDDEN RELEASE OF PRESSURE
NO	NO	NO	NO	NO

#### SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

**CALIFORNIA PROPOSITION 65:** The following chemical(s) is/are known to the state of California to cause cancer or reproductive toxicity:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

**SECTION 16: OTHER INFORMATION**

**REVISION INFORMATION:**

MSDS sections(s) changed since last revision of document:

- Section 2 – composition updated.

**DISCLAIMER:**

\*\*\*\*\*

The above information is based upon information HaloSource, Inc. believes to be reliable and is supplied for informational purposes only. HaloSource, Inc. disclaims any liability for damage which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including fitness for a particular purpose) or representation with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose even if that purpose is known to HaloSource, Inc. The final determination of the suitability of the information, the manner of use of the information or product and potential infringement is the sole responsibility of the user.

\*\*\*\*\*

**MSDS PREPARED BY: Jeremy Heath, EH&S Manager**