Safety Data Sheet

# **SECTION 1 IDENTIFICATION**

 **Product Name: COLLOIDAL NANO-PARTICLE SILVER ANTIMICROBIAL SPRAY**

**UNSCENTED – UPC 3834**

**Issue Date: 5/30/17**

Produced By: Silverganic Division of Wow Silver, Inc.

1330 w. Industrial Ave. B106 Boynton Beach Fl. 33426 [www.silverganic.com](http://www.silverganic.com) or 561-752-7706 for Information

# Revised: 03/20/2020



**Recommended Uses:** Topical Conditioner

**Emergency: In Case of** Have the product container or label with you when calling a poison control center or doctor. You may contact CHEMTREC 1-800-424-9300 for emergency medical treatment information.

##

 **HMIS Rating**



## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

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| **Components:** The specific chemical identities and exact percentages (concentrations) of composition have been withheld as a trade secret |
| None of the ingredients is considered hazardous according to the criteria of 29CFR1910.1200 and DOT Reg 49 CFR 172. Ingredients are listed for informational purposes to assist emergency medical response personnel.  | **wt%**  |
| Water (CAS No. 7732-18-5)  | > 95  |
| Silver  | .05  |

## SECTION 3 -- FIRST-AID MEASURES

 **Ingestion:** If irritation or discomfort occurs, call a physician. DO NOT INDUCE VOMITING.

## SECTION 4 -- FIRE-FIGHTING MEASURES

 **Flammability:** Not flammable or combustible.

**Flammable Limits:** Not applicable. **Extinguishing Media:** Not applicable.

 **Fire and Explosion Hazards:** None.

##  SECTION 5 -- ACCIDENTAL RELEASE MEASURES

## SMALL SPILLS: Contain spill, flush to sanitary sewer, and rinse area with water.

##  LARGE SPILLS: Dike or Response to Spills: dam spill, pump to containers or soak up with inert absorbent, and prevent runoff to creeks and waterways. Personal Protective Equipment is not normally required. Avoid contact with eyes.

## SECTION 6 - HANDLING AND STORAGE

**Handling Precautions:** Close container tightly when not in use. Store in a cool, dry place. Do not contaminate food, feed, or drinking water. Keep from freezing. Keep **out** of direct sunlight.

## SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION

*No special protection or precautions have been identified for using this product under directed consumer use conditions.*

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## SECTION 8 -- PHYSICAL AND CHEMICAL PROPERTIES

 **Appearance.............................................. ........... ...** Colorless liquid **Boiling Point..... ... ........ ............. ...... ........ ..... .........** Not established

**Odor ...............................................................** Practically *Odorless* **Freezing Point .......................... ........ ... ..... ... ........ .** Not established **pH -------------------------------------------------------6.5 to7 Evaporation Rate (Butyl Acetate=1)** .................... Not established

**Specific Gravity (H20=1)** ...................................... Similar to water **Vapor Density (Air-1)** ........................................... Not established **Solubility..................................................................** Water soluble **Vapor Pressure (mmHg)** .................. .................... Not established **voe Content(% Wt.).........., ...\_. . . ..... ...... .0.00%** (0.000 lbs/gallonj

## SECTION 9 STABILITY AND REACTIVITY

 **Chemical Stability:** Stable.

 **Incompatibility:** Not applicable.

**Hazardous** None. **Decomposition:**

 **Polymerization:** None.

 **Conditions to Avoid:** Not applicable.

## SECTION 10 - TOXICOLOGICAL INFORMATION

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS, OSHA 29 CFR 1910.1000, SUBPARI]"., OR THE IARC MONOGRAPHS.

 Acute Oral, Rat .............................................. LD50>5000 mg/Kg Epidemiology .......................................................... None Known

 Acute Dermal, Rat .......................................... LD50>5000 mg/Kg Teratogenicity ......................................................... None Known

**Primary Eye** Irritation ..................................Rabbit - Category IV **Neurotoxicity** .......................................................... None Known Primary Eye Irritation ........................... Rabbit - Slightly Irritating Dermal Sensitization ....... Guinea Pigs - Not a contact sensitizer **Subchronic/Chronic Toxicity:** Does not contain any recognizedcarcinogens, mutagens or reproductive toxicants.

## SECTION 11 -- ECOLOGICAL INFORMATION

 **Ecotoxici ty:** None.

**Environmental Fate:** Readily degraded. Ionic silver is degraded into inert elemental silver or insoluble silver complexes in the environment.

## SECTION 12 -- DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with local, state, and federal regulations. **RCRA Classification:** Non-hazardous.

##  SECTION 13 -- TRANSPORT INFORMATION

 **DOT Classification:** Non- hazardous.

 **Exceptions:** None.

 **Descri.e\_tion:** Not applicable.

##  SECTION 14 -- REGULATORY lt:JFORMATION

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| --- | --- |
|  | TSCA Inventory: All components are listed. TSCA Health and Safety Reporting List: None of the components are listed.  |
| **TSCA:**  | TSCA Chemical Test Rules: None of the components are listed. TSCA Section 12b: None of the components are listed. TSCA Sig\_nificant **New** Use Rule: None of the components has a SNUR.  |
| **CERCLA:**  | No RQ was assigned to silver compounds. See 50FR13456 (April 4, 1985).  |
| **ARA 302/304:**  | None of the compo\_nents has a RQ or a TPQ.  |
| **SARA 311/312:**  | None of the components are reportable.  |
| **Clean Air:**  | None of the components are a Hazardous Air Pollutant, Class 1 Ozone Depletor, or Class 2 Ozone Depleter.  |
| **Clean Water Act:**  | None of the components are a Hazardous Substance, Priority Pollutant, or Toxic Pollutant.  |

 **OSHA:** None of the components are consideredhazardous.

 **California Pro.e\_osition 65:** None of the comgonents are listed.

## SECTION 15 - OTHER INFORMATION

 **Issue Date (Rev):** 03/20/2020 Revision Summary: Address update

The information on provided herein is based on data considered accurate. However, it is furnish shed WITHOUT WARRANTY OF ANY KIND, EXPRESSOR IMPUED. It is int ended to assist in evaluating the suitability and proper use of the material and in the development of safety precaution and procedures. The user assumes all responsibility for person al injury or property damage caused by the misuse of this product.