



# MATERIAL SAFETY DATA SHEET



## SECTION 1: Product And Company Identification

**Product Name:** Dish Washing Liquid      Bio-based Plant / Cleaner      **Emergency Contact:** (888) 342-5326  
**Product ID#** DW001      [www.inventekcleaners.com](http://www.inventekcleaners.com)  
**Manufactured by:** InventeK Colloidal Cleaners, LLC.      3901 'G' Street, 2nd Fl.      Philadelphia, Pa. 19124  
**General Information:** (215) 225-2551      **Technical Assistance:** (888) 342-5326      **Fax Number:** (215) 291-8265

## Section 2: Composition / Information on Ingredients

Component	CAS #	LD50# (oral rat)	LD60#	% Wt.
Filtered Water	7732-18-5	>99,999ml/kg	NE	Prop.
Plant Extracts	Proprietary	NE	NE	Prop.

## Section 3: Hazards Identification

**Appearance and Odor:** Slightly Viscous liquid, Blue, Faint Odor  
 No Known Hazards. As defined by OSHA's Hazard Communication Standard, this product is non-hazardous.

## Potential Health Effects:

See section 11 for toxicology and carcinogenicity on Product Ingredients.  
 Eyes: No evidence of Adverse effect      Skin and Skin Absorption: No evidence of Adverse effect  
 Inhalation: No evidence of Adverse effect      Potential Health Effects: No evidence of Adverse effect  
 Ingestion: No evidence of Adverse effect      Chronic Effects: No evidence of Adverse effect  
 Medical Conditions Aggravated by Exposure: None Known

## Section 4: First Aid Measures

**EYES:** No Evidence of Adverse Effects      **SKIN & SKIN ABSORPTION:** No Evidence of Adverse Effects  
**INHALATION:** No Evidence of Adverse Effects      **POTENTIAL HEALTH EFFECTS:** No Evidence of Adverse Effects  
**INGESTION:** No Evidence of Adverse Effects      **CHRONIC EFFECTS:** No Evidence of Adverse Effects  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None Known      **NOTE TO PHYSICIANS:** No Specific Instructions  
 See Section 11 for Toxicology and Carcinogenicity information on product ingredients

## Section 5: Fire Fighting Measures

**Flash Point:** None (TCC)      **Autoignition Temperature:** NE      **Flammable Properties:** As defined by OSHA, this product is non-flammable  
**UEL:** NA      **Explosion Sensitivity to Impact:** None      **Explosion Sensitivity to Static Discharge:** None  
**LEL:** NA      **Protection to Firefighters:** None      **Products of Combustion:** None  
**Suitable Extinguishing Media:** This Material will not burn. Use extinguishing media appropriate for surrounding fire.

## Section 6: Accidental Release Measures

**Personal Precautions:** Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.      **Environmental Precautions:** None required  
**Methods for Containment and Cleanup:** Rinse area thoroughly with water. This product is safe to wash into waste systems.

## Section 7: Handling and Storage

**Handling procedures:** No Special procedures needed.  
**Storage Procedures:** Store in a cool, well ventilated area. Avoid low temperatures.

## Section 8: Exposure Controls / Personal Protection

Exposure Guidelines:	OSHA		ACGIH		OTHER		
	TWA	STEL	TWA	STEL	TWA	Source	Unit
Engineering Controls: None Required	NE	NE	NE	NE	NA	NA	NA
Respiratory Protection: None Required	NE	NE	NE	NE	NE	NA	NA
Eye / Face Protection: None Required							
Skin Protection: None Required							
Gloves: None Required							
Other Safety Equipment: None Required							
	NE=Not Established		C= Ceiling		S=Skin		V= Vacated

## Section 9: Physical and Chemical Properties

**Physical State:** Liquid      **Freezing Point:** 25° F  
**Specific gravity:** 1,001      **Color:** Blue      **Evaporation Rate:** NE  
**Initial Boiling Point:** 214° F      **Odor:** Faint Odor      **Vapor Density:** NE  
**Solubility in Water:** Complete      **pH:** 9.7      **Vapor Pressure:** NE  
**Volatile Organic Compounds:** VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59  
 Estimated tested amount per product = <1mm/Hg

## Section 10: Stability and Reactivity

**Stability:** Stable      **Compatibility Materials:** None Known      **Conditions to avoid:** None      **Possibility of Hazardous Reaction:** None Known  
**Hazardous decomposition Products:** None

## Section 11: Toxicological Information

**Irritancy of Product:** None      **ACGIH (A1, A2 or A3):** None      **Acute Exposure Effects:** None  
**IARC Monographs:** None      **OSHA Regulated:** No      **Embroyotoxicity:** None      **Mutagenicity:** None      **Chronic Effects:** None      **Teratogenicity:** None  
**Skin Sensitization:** None      **Respiratory Sensitization:** None      **Reproductive Toxicity:** None      **Name of Synergistic Product or Effect:** None  
**Carcinogenicity:** This Product does not contain any known or suspected human carcinogens

## Section 12: Ecological Information

**Ecotoxicity / Aquatic Toxicity:** None      **Persistence / Degradability:** Readily Biodegradable

## Section 13: Disposal Considerations

Chemicals contained are not listed as hazardous waste. Safe to wash into waste systems.  
 Always dispose as per Federal, State or local regulations.

## Section 14: Transport Information

**Proper Shipping Description:** US DOT: None      **PIN:** None      **TDG:** None      **Special Provisions:** None

## Section 15: Regulatory Information-U.S. Federal

**Toxic Substance Control Act:** All ingredients are exempt.  
**Comprehensive Environmental Response, Compensation and Liability Act (CIRCLA)** Reportable Quantities (RQ's) for the following Ingredients: None  
**Spills of any ingredient at or above the RQ level require an immediate notification of the National Response Center (800)424-8802 and Local Agencies**  
**Superfund Amendments Reauthorization ACT (SARA) Title III Section 302 Extremely Hazardous Substances (EHS):** None      **Other Regulatory Info.:** None  
 This product contains the following substances subject to SARA reporting (sections 311, 312 and 313) and 40 CFR part 372: None  
**State regulations:** This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act: None

## State Right To Know

Massachusetts: None      New Jersey: None      Pennsylvania: None      Rhode Island: None      **Clean Air Act:** None

## Section 16: Other Information

**(HMIS) Health: 0      Flammability: 0      Reactivity: None      PPE: None**  
**Prop.:** Proprietary      **Keys to abbreviations:** TCC: Tags Closed Cup      NE: Not Established  
**CAS:** Chemical Abstract Service      NA: Not Applicable      ppm: Parts per Million      mg: Milligram  
**OSHA:** Occupational Safety & Health Administration      TLV: Threshold limit Value      ml: Milliliter  
**PPE:** Personal protective Equipment      ND: Not Determined      TWA: Time Weighted Average      kg: Kilogram  
**PMCC:** Pensky-Martins Closed Cup      g/L: Grams per liter      lbs. / gal: Pounds per Gallon      gr: Gram  
**NIOSH:** National Institute of Occupational Safety & Health      STEL: Short Term Exposure Limit      k: 1000  
**ACGIH:** American Conference of Government Industrial Hygienists      PEL: Permissible Exposure Limit

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of InventeK Colloidal Cleaners' knowledge or obtained from sources InventeK believes to be accurate. Before using any product, read all warnings and instructions on the label.

Prepared by: Paul N. Andrecola      Phone: (215) 225-2551      Changes since last Revision: Updated Chart      Revision Date: 3/8/2008

