



# MATERIAL SAFETY DATA SHEET



## SECTION 1: Product And Company Identification

**Product Name:** Sub-Zero Surface Cleaner

**Product ID#** SZ001

**Manufactured by:** Inventek Colloidal Cleaners, LLC.

**General Information:** (215) 225-2551

Bio-based Plant / Cleaner with Antifreeze

3901 'G' Street, 2nd Fl.

**Technical Assistance:** (888) 342-5326

**Emergency Contact:**

(888) 342-5326

Philadelphia, Pa. 19124

**Fax Number:**

(215) 291-8265

[www.inventekcleaners.com](http://www.inventekcleaners.com)

## 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.
Isoprophyl Alcohol	67-63-0	681mg/kg	NE	Prop.

## Section 3: Hazards Identification

**Appearance and Odor:** Slightly Viscous Liquid, Pale 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  
**Inhalation:** No evidence of Adverse effect  
**Ingestion:** No evidence of Adverse effect  
**Medical Conditions Aggravated by Exposure:**

**Skin and Skin Absorption:** No evidence of Adverse effect  
**Potential Health Effects:** No evidence of Adverse effect  
**Chronic Effects:** No evidence of Adverse effect  
**None Known**

## Section 4: First Aid Measures

**EYES:** No Evidence of Adverse Effects  
**INHALATION:** No Evidence of Adverse Effects  
**INGESTION:** No Evidence of Adverse Effects  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None Known

**SKIN & SKIN ABSORPTION:** No Evidence of Adverse Effects  
**POTENTIAL HEALTH EFFECTS:** No Evidence of Adverse Effects  
**CHRONIC EFFECTS:** No Evidence of Adverse Effects  
**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)  
**UEL:** NA  
**LEL:** NA

**Autoignition Temperature:** NE  
**Explosion Sensitivity to Impact:** None  
**Protection to Firefighters:**

**Flammable Properties:** As defined by OSHA, this product is non-flammable

**Explosion Sensitivity to Static Discharge.:** None  
**Products of Combustion:** None  
**No special Precautions needed.**

**Suitable Extinguishing Media:**

This Material will not burn. Use extinguishing media appropriate for surrounding fire.

## Section 6: Accidental Release Measures

**Personal Precautions:**  
**Methods for Containment and Cleanup:**

Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.  
Rinse area thoroughly with water. This product is safe to wash into waste systems.

**Environmental Precautions:** None required

## 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

**Engineering Controls:** None Required  
**Respiratory Protection:** None Required  
**Eye / Face Protection:** None Required  
**Skin Protection:** None Required  
**Gloves:** None Required  
**Other Safety Equipment:** None Required

**Exposure Guidelines:**

**OSHA PEL:** NE  
**ACGIH TLV:** NE

Component	OSHA		ACGIH		OTHER		
	TWA	STEL	TWA	STEL	TWA	Source	Unit
Filtered Water	NE	NE	NE	NE	NA	NA	NA
Plant Extracts	NE	NE	NE	NE	NE	NA	NA
Isoprophyl Alcohol	V	V	V	V	NA	NA	NA

NE=Not Established C= Ceiling S=Skin V= Vacated

## Section 9: Physical and Chemical Properties

**Specific gravity:** 1,001  
**Initial Boiling Point:** 214° F  
**Solubility in Water:** Complete  
**Volatile Organic Compounds:**

**Physical State:** Liquid  
**Color:** Pale Blue  
**Odor:** Faint Odor  
**pH:** 9.7  
**Freezing Point:** 25° F  
**Vaporization Rate:** NE  
**Vapor Density:** NE  
**Vapor Pressure:** NE  
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  
**Incompatible 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.

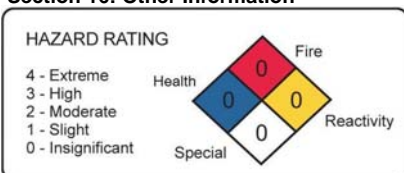
## Section 14: Transport Information

**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**  
**Keys to abbreviations:**  
Prop.: Proprietary  
CAS: Chemical Abstract Service  
OSHA: Occupational Safety & Health Administration  
PPE: Personal protective Equipment  
PMCC: Pensky-Martins Closed Cup  
NIOSH: National Institute of Occupational Safety & Health  
ACGIH: American Conference of Government Industrial Hygienists  
TCC: Tags Closed Cup  
ppm: Parts per Million  
TLV: Threshold limit Value  
TWA: Time Weighted Average  
lbs. / gal: Pounds per Gallon  
STEL: Short Term Exposure Limit  
PEL: Permissible Exposure Limit  
NE: Not Established  
mg: Milligram  
ml: Milliliter  
kg: Kilogram  
gr: Gram  
k: 1000

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