

# MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.  
**Product Name:** **Superior Zero - Ultimate Surface Cleaner**  
Issue Date: 05/18/05  
Revision Date: 12/20/06  
MSDS Number: SUP-96200



## Section I – Chemical Product and Company Identification

Product Identifier: ZERO - Ultimate Surface Cleaner  
Product Description: Water Based Cleaner/Impregnator

MANUFACTURER:  
Superior Stone Products, Inc.  
8580 Byron Commerce Drive  
Byron Center, MI 49315  
616-583-0171

**24 Hour Emergency Telephone Number:**  
**CHEMTREC 800-424-9300**

## Section II – Composition/Information on Ingredients

If present, IARC, NTP and OSHA carcinogens and chemicals subject to the reporting requirements of SARA title III Section 313 may be identified in this Section.

<u>Ingredient</u>	<u>CAS#</u>	<u>% (By Weight)</u>
2-Butoxyethanol	111-76-2	0-15%
Isopropanol	67-63-0	0-10%

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

#### EXPOSURE LIMITS

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2-Butoxyethanol	50 ppm	20 ppm
Isopropanol	400 ppm	200 ppm
		400 ppm (STEL)

## Section III – Hazards Identification

**Ingestion:** Moderately toxic and may be harmful if swallowed. May cause headache, dizziness, nausea, vomiting, diarrhea, and general weakness. Ingestion of significant quantities may result in red blood cell hemolysis.

**Skin:** May cause skin irritation with discomfort or rash, redness, swelling, and itching. Prolonged or repeated contact may result in drying of the skin which may result in skin irritation or dermatitis.

**Inhalation:** High concentrations of vapor may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, with chest pain and coughing. May cause early CNS depression, headache, dizziness or nausea.

**Eye:** Can cause moderate to severe eye irritation. Eye contact may cause eye irritation with discomfort, tearing, or blurring of vision.

### HMIS Rating:

Health:	1
Flammability:	1
Reactivity:	0
Personal Protective Index:	X

## Section IV – First Aid Measures

**If Swallowed:** If patient is conscious, give 2 glasses of water. Induce vomiting. This should be done by experienced first-aid personnel. Seek immediate medical attention.

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**Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention if irritation develops or persists. Wash clothing before reuse.  
**If Inhaled:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Seek immediate medical attention.

**Eyes:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

## Section V - Fire Fighting Measures

Flash Point: N/A  
Auto Ignition: N/A  
UEL: N/A  
LEL: N/A

**Hazardous Products of Combustion:** Burning may produce oxides of carbon, including carbon monoxide and carbon dioxide.

**Extinguishing Agents:** Water, carbon dioxide, foam or dry powder.

**Special Fire Fighting Procedures:** As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

**Unusual Fire And Explosion Hazards:** Vapor build up in contained areas may develop a flammable atmosphere.

## Section VI - Accidental Release Measures

**Procedure For Clean up:** Absorb spills with inert material and place into appropriate containers. Wear appropriate personal protective equipment. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## Section VII - Handling and Storage

Avoid breathing. Do not get into eyes, on skin or clothing. Wash thoroughly after handling. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction. Keep container closed to avoid contamination. Store in a cool dry area. Follow all MSDS/label precautions even after container is empty because they may retain product residues.

## Section VIII - Exposure Controls/Personal Protection

**Respiratory Protection:** When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

**Ventilation:** Use only with adequate ventilation. Good general ventilation should be sufficient to control airborne levels.

**Skin Protection:** Where skin contact is likely, wear chemical resistant gloves (Nitrile, neoprene or natural rubber gloves), a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

**Eye Protection:** Wear safety glasses with side shields (or goggles) and a face shield.

## Section IX – Physical and Chemical Properties

**Form:** Liquid

**Appearance:** Clear/Colorless

**Odor:** Characteristic

**Specific Gravity:** 0.920 average (water=1)

**Solubility in Water:** Soluble

## Section X - Stability and Reactivity

**Stability:** Stable

**Incompatibility (materials to avoid):** Avoid contamination with alkalis and oxidizing materials.

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**Hazardous Decomposition or Combustion:** Burning may produce oxides of carbon, including carbon monoxide and carbon dioxide.

**Polymerization:** Hazardous Polymerization will not occur.

## Section XI - Toxicological Information

**Chronic Effects:** Repeated exposure may cause hemolysis of the red blood cells leading to possible liver and kidney injury.

## Section XII - Ecological Information

No information available.

## Section XIII - Disposal Considerations

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## Section XIV - Transportation Information

**Transportation Data/DOT**

**Product Label:** Superior Zero - Ultimate Surface Cleaner

## Section XV - Regulatory Information

**SARA Title III Section 311 Categories:**

Immediate (Acute) Health Effects:	Yes
Delayed (Chronic) Health Effects:	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard:	No
Reactivity Hazard	No

**SARA Title III Section 313 Reporting:**

2-Butoxyethanol (as Glycol Ether) 111-76-2 <15%

**Title V of the clean Air Act:**

Isopropanol 67-63-0

**WHMIS Hazard Symbols:**

None

**Canadian Disclosure List:**

2-Butoxyethanol (111-76-2)  
Isopropanol (67-63-0)

This product or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA)

## Section XVI - Other Information

We believe that said statements, technical information and recommendations contained herein are reliable. Statements contained herein are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.