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# MATERIAL SAFETY DATA SHEET

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SPI

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## I PRODUCT IDENTIFICATION

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**MANUFACTURER'S NAME AND ADDRESS:** SPI,  
1246 B Old Alpharetta Rd.  
Alpharetta, GA 30005

**EMERGENCY TELEPHONE NUMBERS:**  
8:00 AM – 5:00 PM CST Monday-Friday: 770/360-5627  
NON-BUSINESS HOURS (INFOTRAC): 800/535-5053

**PRODUCT TRADE NAME:** Soterra Stone Cleaner

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## II HAZARDOUS INGREDIENTS

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CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
No hazardous ingredients > 1%					

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## III PHYSICAL DATA

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	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air = 1)	EVAPORATION RATE (Butyl Acetate = 1)
Soterra Stone Cleaner	1.00		100%	Clear, blue liquid, sweet odor

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## IV FIRE AND EXPLOSION HAZARD DATA

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**FLASH POINT (METHOD):** >212°F (T.C.C.)

**FLAMMABLE LIMITS:** >212°F (T.C.C.)

**EXTINGUISHING MEDIA:** Dry chemical, CO<sub>2</sub>, halon, foam or water spray.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use NIOSH/MSHA approved self-contained breathing apparatus where this material is involved in a fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No applicable information found.

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## V HEALTH HAZARD DATA

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**PRIMARY ROUTES OF EXPOSURE:** Oral, skin, eyes.

**CARCINOGEN INFORMATION:** Not listed (OSHA, IARC, NTP).

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Chronic overexposure may cause minor liver and kidney effects based on animal studies.

**EFFECTS OF OVEREXPOSURE.** Irritation of eyes, skin, and upper respiratory tract.

**EYE CONTACT:** May irritate eyes, producing redness and swelling of the conjunctiva.

**SKIN CONTACT:** Can cause slight irritation.

**INHALATION:** Mists are irritating to upper respiratory tract and can cause dizziness, fatigue, nausea, headache, and possible unconsciousness. Some vapor effects may be noted in confined spaces or when the product is heated.

**INGESTION:** Swallowing large quantities may cause nausea and vomiting, including signs of intoxication.

#### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** Immediately flush exposed area with water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Get medical attention if irritation persists.

**SKIN CONTACT:** Immediately flush exposed area with water. If irritation persists, get medical attention. Remove contaminated clothing. Launder contaminated clothing before reuse. Discard contaminated shoes.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**INGESTION:** Do not induce vomiting. Dilute by giving several glasses of water or milk. Never give liquids to an unconscious person. Get medical attention immediately.

**GENERAL:** Consult standard literature. Treatment should be based on the sound judgment of the physician and the individual reactions of the patient.

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#### **VI REACTIVITY DATA**

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**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Extreme heat and open flame.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids, strong alkalis, strong oxidizing agents.

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:** Can produce carbon monoxide, carbon dioxide, and various hydrocarbons.

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#### **VII SPILL OR LEAK PROCEDURES**

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**SPILL, LEAK, WASTE DISPOSAL PROCEDURES:** STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

**CAUTION:** Material will be slippery. Provide adequate ventilation before working in spill area. Dike area to contain the spill. Absorb spill onto inert material such as vermiculite and collect for disposal. After all visible traces have been removed, flush the area with large amounts of water.

**WASTE DISPOSAL METHODS:** Dispose of in a manner approved for this material. As of this writing, the product is not considered to be a hazardous waste, however, federal regulation prohibits disposal of liquid materials of any kind in a sanitary landfill. Solidify clean up residuals before disposal. The primary active ingredient is commonly used in household cleaners and is readily biodegradable. Diluted product should not adversely affect wastewater treatment plant activities. As local and state regulations may vary, consult with appropriate state and local regulatory agencies to ascertain proper disposal procedures.

Empty containers must not be reused. Drain all liquid possible from the container before disposal in a sanitary landfill.

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#### **VIII SPECIAL PROTECTION INFORMATION**

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**WORK PRACTICES:** Proper work practice and planning should be utilized to avoid unnecessary contact with workers, passerby, and non-masonry surfaces. See the Product Data Sheet and label for specific precautions to be taken during use. Smoking, eating and drinking should be discouraged during the use of this, or any, chemical product. Wash hands before breaks and at the end of a shift.

**RESPIRATORY PROTECTION:** Use a NIOSH-approved dust/mist respirator as necessary to avoid inhalation of mists during application. Respiratory protection program must be in accordance with 29 CFR 1910.134.

**VENTILATION:** Sufficient to maintain airborne concentrations as low as possible.

**PROTECTIVE CLOTHING:** Wear protective clothing such as long-sleeved work shirt and pants, work boots, and rubber gloves to avoid skin contact. Do not allow clothing to become saturated with product. If work practices cannot be adjusted to avoid excess clothing saturation, splash resistant or Tyvek clothing and boots may be required.

**PROTECTIVE GLOVES:** Wear rubber or PVC gloves as required to avoid prolonged skin contact.

**EYE PROTECTION:** Safety glasses with side shields are recommended during use. If work practices and application techniques cause a risk of splashing or excessive wind-drift, then splash resistant goggles will be required.

**OTHER PROTECTIVE EQUIPMENT:** Easy access to an eyewash is recommended.

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## IX SPECIAL PRECAUTIONS

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Wear appropriate safety equipment and clothing. Do not get in eyes, on skin, or on clothing. Do not take internally. Avoid breathing mist. Store in a cool, dry, well-ventilated place. Separate from explosives, organic peroxides, and easily ignitable materials.

Never touch eyes or face with hands or gloves that may be contaminated with this product.

Keep containers tightly closed when not dispensing product. Use care around spilled material because it will be slippery. Treat empty containers as if they were full.

**OTHER PRECAUTIONS:** Do not get in eyes, on skin or on clothing. Can cause irritation. Do not breathe mist. Do not take internally. Wash thoroughly after handling. Do not eat, drink, or smoke in work areas.

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## X REGULATORY INFORMATION

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**SHIPPING:** Classified as non-hazardous for shipment by all modes.

**NATIONAL MOTOR FREIGHT CLASSIFICATION:** NMFC#33880 Sub 2                      Class Rate: 55

**SARA 313 REPORTABLE:**

CHEMICAL NAME	CAS	UPPERBOUND CONCENTRATION % BY WEIGHT
None		

**CALIFORNIA PROPOSITION 65:**

This product is not known to contain any chemical substance, which are known to the State of California to cause cancer, birth defects, or other reproductive harm, and therefore, it is not subject to requirements of California Health and Safety Code Section 25249.5.

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## XI OTHER

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**MSDS Status:**                      **Date of Revision:** March 16, 2005  
**For Product Manufactured After:** March 16, 2005  
**Changes:** New product  
**Item #:** PSC51065  
**Approved By:** Regulatory Department

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**DISCLAIMER:**

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. **SPI expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.** This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**DATE OF PREPARATION:** March 16, 2005