



## Safety Data Sheet Spetec Surface Guard

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier:**

Product name Spetec Surface Guard  
Aqueous mixture used for preventing polyurethane stains on concrete.

**Supplier's details**

Name Alchemy-Spetec  
Address 4508 Bibb Blvd  
Tucker, GA 30084  
Telephone (404) 618-0438

**Emergency phone number(s)**

Call CHEMTREC Day or Night  
1-800-424-9300 / +1 703-527-3887

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### SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name of Hazardous Ingredients	CAS #	% by Weight
None	Mixture	100%

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**POTENTIAL HEALTH EFFECTS**

**CHRONIC HEALTH HAZARD:** This product contains no listed carcinogens according to IARC, AC-GIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

**CAUTION:** MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

**EYES:** May cause eye irritation due to mechanical action.

**SKIN:** May cause slight skin Irritation with repeated contact.

**INHALATION:** Vapor would be water. Residual powder upon water evaporation could cause irritation to upper respiratory tract (nose and throat).

**INGESTION:** Very low toxicity if swallowed. Swallowing may result in gastrointestinal irritation.

#### **SECTION 4. FIRST AID MEASURES**

<b>EYES:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
<b>SKIN:</b>	Immediately take off all contaminated clothing. For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.
<b>INHALATION:</b>	Move person to fresh air; if effects occur consult a physician.
<b>INGESTION:</b>	If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
<b>NOTES TO PHYSICIAN:</b>	No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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#### **SECTION 5. FIRE FIGHTING MEASURES**

<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Decomposition of this product may emit but not be limited to carbon monoxide and carbon dioxide.
<b>EXTINGUISHING MEDIA:</b>	Water spray, dry chemical, carbon dioxide.
<b>GENERAL FIRE HAZARDS:</b>	NA
<b>FIRE FIGHTING EQUIPMENT/ INSTRUCTIONS:</b>	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
<b>FLASH POINT:</b>	> 200 °F

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#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

<b>SPILLS, LEAKS, OR RELEASES:</b>	Clean up should only be performed by trained personnel. People dealing with major spillages should wear full protective clothing including appropriate respiratory protection. Evacuate the area. Prevent further leakage, spillage or entry into drains.
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#### **SECTION 7. HANDLING AND STORAGE**

<b>HANDLING PROCEDURES:</b>	Avoid breathing aerosols, mists and vapors. Avoid contact with skin and eyes. Avoid personal contact with the product or reaction mixture. Use only with adequate ventilation to ensure that the occupational exposure limit is not exceeded. The efficiency of the ventilation system must be monitored regularly because of the possibility of blockage. Avoid breathing aerosols, mists and vapors.
<b>STORAGE PROCEDURES:</b>	If container is exposed to high heat, it can be pressurized and possibly rupture explosively. Keep the container tightly closed and in a cool, well-ventilated place.

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## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

<b>EYES/FACE:</b>	Wear safety glasses; chemical goggles (if splashing is possible).
<b>SKIN:</b>	Use impervious gloves. Protective clothing is recommended. Use of impervious apron and boots are recommended where splashing of the chemical is likely.
<b>RESPIRATORY:</b>	When the product is sprayed or heated without adequate ventilation, an approved MSHA/NIOSH positive-pressure, supplied-air respirator may be required.

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## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Liquid
<b>COLOR AND ODOR:</b>	Translucent white, low odor
<b>BOILING POINT:</b>	Above 200F
<b>VAPOR PRESSURE:</b>	not available
<b>EVAPORATION RATE:</b>	not available
<b>SOLUBILITY (H2O):</b>	Soluble
<b>VOC:</b>	none

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## SECTION 10. CHEMICAL STABILITY & REACTIVITY INFORMATION

<b>CHEMICAL STABILITY:</b>	Stable under normal conditions.
<b>HAZARDOUS DECOMPOSITION:</b>	Hazardous decomposition products: carbon monoxide, carbon dioxide.
<b>HAZARDOUS POLYMERIZATION:</b>	Stable.
<b>INCOMPATIBILITY:</b>	Avoid contact with oxidizing materials.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

<b>INGESTION:</b>	Single dose oral LD50 has not been determined.
<b>SKIN ABSORPTION:</b>	The dermal LD50 has not been determined.
<b>SENSITIZATION SKIN:</b>	Did not cause allergic skin reactions when tested in humans.
<b>REPEATED DOSE TOXICITY:</b>	Based on available data, repeated exposures are not anticipated to cause significant adverse effects.
<b>CHRONIC TOXICITY AND CARCINOGENICITY:</b>	Similar materials did not cause cancer in long term studies.

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<b>DEVELOPMENTAL TOXICITY:</b>	Similar materials did not cause birth defects or other toxic effects to the fetus in laboratory animal studies.
<b>REPRODUCTIVE TOXICITY:</b>	In animal studies, a similar material has been shown not to interfere with reproduction.
<b>GENETIC TOXICOLOGY:</b>	Similar materials were negative in both in vitro and animal genetic toxicity studies.

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### SECTION 12. ECOLOGICAL INFORMATION

#### ECOTOXICITY

For the major component(s): Not expected to be acutely toxic to aquatic organisms.

For the minor component(s): Material is practically non-toxic to aquatic organisms on an acute basis (LC/50/EC50/EL50/LL50>100mg/L in the most sensitive species tested).

**BIODEGRADATION:** No data available.

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### SECTION 13. DISPOSAL CONSIDERATIONS

**DISPOSAL INSTRUCTIONS:** Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Chemical waste, even in small quantities, should never be discarded down drain, sewers, or waterways.

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### SECTION 14. TRANSPORTATION INFORMATION

DOT:	Class - Not regulated
IMDG International Maritime Dangerous Goods Code:	Class - Not regulated
IATA:	Class - Not regulated

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### SECTION 15. REGULATORY INFORMATION

**OSHA STATUS:** This product is non-hazardous under the criteria of Federal OSHA. Hazard Communication Standard 29 CFR 1910.1200.

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### SECTION 16. OTHER INFORMATION

#### HMIS RATINGS:

Health	1
Flammability	0
Reactivity	0
Protection	B

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### PREPARATION INFORMATION:

Oct, 2018

This SDS is on a three year review cycle. If the date on this sheet is older than three years please contact Alchemy-Spetec for an updated SDS.

### Further Information/Disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Alchemy-Spetec be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Alchemy-Spetec has been advised of the possibility of such damages.