



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**GREEN SOLUTIONS FLOOR SEALER AND FINISH**  
Product Number: 3504

Product Division:  
**Janitorial**

**Spartan Chemical Company, Inc.**  
**1110 Spartan Drive**  
**Maumee OH 43537**

Product/Technical Information: **1-(800)-537-8990**  
Medical Emergency: **1-(888)-314-6171 (24 hours)**  
Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Buffing, polishing compounds, liquid, n.o.s.

| NFPA Ratings:   | HMIS Ratings:   |
|---|---|
| <b>Health:</b> 1 - Slight<br><b>Fire:</b> 0 - Minimal<br><b>Reactivity:</b> 0 - Minimal | <b>Health:</b> *1 - Slight; Chronic Hazard<br><b>Fire:</b> 0 - Minimal<br><b>Reactivity:</b> 0 - Minimal<br><b>Pers. Prot. Equip.:</b> See Section VIII |

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

| Chemical Name(s)          | %Wt   | CAS Registry No. | Table Z-1-A           |                        |                           | NTP, IARC or OSHA Carcinogen |
|---------------------------|-------|------------------|-----------------------|------------------------|---------------------------|------------------------------|
|                           |       |                  | TWA mg/m <sup>3</sup> | STEL mg/m <sup>3</sup> | CEILING mg/m <sup>3</sup> |                              |
| Styrene/acrylic copolymer | 15-20 | 25987-66-0       | Not Established       | Not Established        | Not Established           | No                           |
| Ester alcohol             | 1-5   | 25265-77-4       | Not Established       | Not Established        | Not Established           | No                           |
| Tributoxyethyl phosphate  | 1-5   | 78-51-3          | Not Established       | Not Established        | Not Established           | No                           |
| Ethylene copolymer        | 1-5   | 67892-91-5       | Not Established       | Not Established        | Not Established           | No                           |
| Propylene glycol          | 1-5   | 57-55-6          | Not Established       | Not Established        | Not Established           | No                           |

### SECTION III: PHYSICAL DATA

|  |   |
|--|---|
| Boiling Point: 212 °F                                    | Vapor Pressure: Unknown                     |
| Vapor Density (AIR = 1): Unknown                         | Solubility in Water: Complete               |
| pH: 7.8-8.2  | Specific Gravity (H <sub>2</sub> O=1): 1.02 |
| Evaporation Rate (but.ace.=1): <1                        | Percent Solid by Weight: 20-30              |
| Physical State: Liquid                                   |   |
| Appearance & Odor: Milky emulsion/ slight mint fragrance |   |

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

|  |                       |
|--|-----------------------|
| Flash Point: > 212°F   | Method Used: ASTM-D56 |
| Flammable Limits: Not Established  | Flame Extension: N/A  |
| Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.  |                       |
| Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray. |                       |
| Unusual Fire & Explosive Hazards: Dried Product can burn. Combustion products are toxic.   |                       |

**SECTION V: HEALTH HAZARD DATA**

|  |   |
|--|---|
| Threshold Limit Value: Not Established           | Primary Routes of Entry: Inhalation, Skin Contact   |
| Effects of Overexposure-<br>Conditions to Avoid: | <b>Causes mild eye irritation:</b> Symptoms may include pain, redness, swelling and tearing.<br><b>May cause skin irritation:</b> Symptoms may include redness, pain and swelling.<br><b>Harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea.<br>Contains tributoxyethyl phosphate which may cause nervous system effects such as ataxia, breathing abnormalities and tremors with prolonged or repeated contact.<br><b>Avoid contact with eyes and skin. Do not taste or swallow. Wash thoroughly after handling.</b> |
| Conditions Aggravated by Use:                    | Use of this product may aggravate preexisting eye; skin and respiratory disorders such as asthma and dermatitis.  |

**Emergency & First Aid Procedures:**

|             |  |
|-------------|--|
| Eyes:       | Immediately flush eyes with plenty of water for at least 15 minutes; remove contact lenses. Get medical attention.   |
| Skin:       | Remove contaminated clothing. Flush skin thoroughly with plenty of water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.   |
| Ingestion:  | Do not induce vomiting unless advised by a physician or poison control center. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person. |
| Inhalation: | Move person to fresh air. Get medical attention if irritation persists.  |

**SECTION VI: REACTIVITY DATA**

|   |  |
|---|--|
| Stability: Stable   | Incompatible Materials: None known       |
| Hazardous Decomposition Products: Carbon monoxide, carbon dioxide | Hazardous Polymerization: Will Not Occur |

**SECTION VII: SPILL OR LEAK PROCEDURES**

|   |  |
|---|--|
| Steps to be Taken in Case<br>Material is Released or Spilled: | Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for recovery or disposal. |
| Waste Disposal Method:  | Assure conformance with federal, state and local regulations.  |

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

|                                  |  |
|----------------------------------|--|
| Respiratory Protection:          | Not normally required when good general ventilation is provided. However, if respiratory irritation occurs, a NIOSH approved respirator suitable for the use-conditions and chemicals listed in Section II should be considered. |
| Ventilation:                     | Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.  |
| Protective Gloves(Specify Type): | Impervious rubber gloves are recommended for prolonged or frequent contact.  |
| Eye Protection(Specify Type):    | Safety glasses or splash goggles are recommended to prevent eye contact.   |
| Other Protective Equipment:      | See 29 CFR 1910.132-138 for further guidance.  |

**SECTION IX: SPECIAL PRECAUTIONS**

|                                  |  |
|----------------------------------|--|
| Precautions; Handling & Storing: | Keep from freezing. Keep out of reach of children  |
| Other Precautions:               | California Proposition 65 :<br>WARNING: This product contains the trace amounts of chemicals known to the State of California to cause cancer or birth defects or other reproductive harm. |

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**GREEN SOLUTIONS FLOOR SEALER  
AND FINISH**

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Changes: Correct Section I

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