



# Spartan Chemical Company, Inc.

## WHMIS Safety Data Sheet

Revision Date: 15-Nov-2024

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

**Product Name:** TERRA GLAZE  
**Product Code:** 5410C  
**Recommended Use:** Floor Finish  
**Uses Advised Against:** For Industrial and Institutional Use Only

**Manufacturer/Supplier:** Spartan Chemical Company, Inc. Canadian Agent: Robertson, Hill & McDougal, LLP  
1110 Spartan Drive 340 Albert Street, Suite 1400  
Maumee, Ohio 43537 USA Ottawa, ON, Canada K1R 0A5  
800-537-8990 (Business hours)  
www.spartanchemical.com  
**Medical Emergency/Information:** 888-314-6171

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not classified as hazardous by WHMIS HazCom-GHS.

#### Label elements

**Signal word:** None  
**Symbols:** None  
**Hazard statements:** None

**Precautionary Statements - Response:** None

**-Specific Treatment:** See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**Precautionary Statements - Storage:** Not applicable.

**Precautionary Statements - Disposal:** Not applicable

**Hazards not otherwise classified (HNOC):** Not applicable

**Other hazards:**

- May cause skin irritation.
- May cause eye irritation
- May be harmful if swallowed
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Water	7732-18-5	60-80
Ethoxydiglycol	111-90-0	3-7
Ethylene Copolymer	67892-91-5	1-5
Tributoxyethyl Phosphate	78-51-3	1-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

**Other Non-Hazardous Ingredients:** Acrylic Polymer

#### 4. FIRST AID MEASURES

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Skin contact:** Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or physician if you feel unwell.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

**Note to physicians:** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire.

**Specific Hazards Arising from the Chemical:** Dried product is capable of burning. Combustion products are toxic.

**Hazardous Combustion Products:** May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

**Protective Equipment and Precautions for Firefighters:** Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.

**Methods for cleaning up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

#### 7. HANDLING AND STORAGE

**Advice on safe handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

**Storage Conditions:** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Do not freeze.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:** None established

**Appropriate engineering controls**

**Engineering controls:** Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Not required with expected use.

**Skin and body protection:** Not required with expected use.

<b>Respiratory protection:</b>	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
<b>General hygiene considerations:</b>	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state:</b>	Liquid
<b>Color:</b>	White emulsion
<b>Odor:</b>	Slight ammonia odor
<b>Odor Threshold:</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Method</u>
<b>pH Range:</b>	7.0-8.0	
<b>Melting Point / Freezing Point:</b>	No data available	
<b>Boiling Point / Boiling Range:</b>	100 °C / 212 °F	
<b>Flash Point:</b>	> 100 °C / 212 °F	ASTM D56
<b>Evaporation Rate:</b>	< 1.0	(Butyl acetate = 1)
<b>Flammability (solid, gas):</b>	No data available	No information available
<b>Flammability Limits in Air:</b>		No information available
<b>Upper Flammability Limit:</b>	No data available	
<b>Lower Flammability Limit:</b>	No data available	
<b>Vapor Pressure:</b>	No data available	No information available
<b>Vapor Density:</b>	No data available	No information available
<b>Relative Density</b>	1.029	
<b>Solubility(ies):</b>	Miscible in water	
<b>Partition Coefficient:</b>	No data available	No information available
<b>Autoignition Temperature:</b>	Not applicable	
<b>Decomposition Temperature:</b>	No data available	
<b>Kinematic Viscosity:</b>	No information available	No information available
<b>Particle characteristics:</b>	Not applicable	

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This material is considered to be non-reactive under normal conditions of use.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Not expected to occur with normal handling and storage.
<b>Conditions to Avoid:</b>	Extremes of temperature and direct sunlight
<b>Incompatible materials:</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous decomposition products:</b>	May include carbon monoxide, carbon dioxide (CO <sub>2</sub> ) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eyes, Skin, Ingestion, Inhalation.
<b>Symptoms of Exposure:</b>	
<b>Eye contact:</b>	Pain and redness.
<b>Skin contact:</b>	Drying of the skin.
<b>Inhalation:</b>	Nasal discomfort and coughing.
<b>Ingestion:</b>	Pain, nausea, vomiting and diarrhea.

### Immediate, Delayed, Chronic Effects

Product Information:	Data not available or insufficient for classification.
----------------------	--

### Acute toxicity

#### **Numerical measures of toxicity:**

The following values are calculated based on chapter 3.1 of the GHS document  
ATEmix (oral) 63,158 mg/kg

ATEmix (dermal) 31,517 mg/kg  
 ATEmix (inhalation-dust/mist) 31.6 mg/l

**Component Information:**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Ethoxydiglycol 111-90-0	= 10502 mg/kg ( Rat )	= 9143 mg/kg ( Rabbit )	> 5240 mg/m <sup>3</sup> ( Rat ) 4 h
Tributoxyethyl Phosphate 78-51-3	= 3 g/kg ( Rat )	> 16 mL/kg ( Rabbit )	> 6.4 mg/L ( Rat ) 4 h

**Carcinogenicity:** No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

**12. ECOLOGICAL INFORMATION****Ecotoxicity:**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethoxydiglycol 111-90-0	-	10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through	-	3940 - 4670: 48 h Daphnia magna mg/L EC50
Tributoxyethyl Phosphate 78-51-3	-	10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through	-	-

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Mobility in Soil:** No information available.

**Other adverse effects:** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues/unused products:** Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging:** Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION****TDG / DOT:**

Not Regulated

**Proper Shipping Name:**

Non-Hazardous Product

**Special Provisions:**

Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

**IMDG:**

Not Regulated

**Proper Shipping Name:**

Non-Hazardous Product

**15. REGULATORY INFORMATION**

**DSL / NDSL Status:** (Domestic Substances List / Non-Domestic Substances List)

The chemical substances in this product are included on or exempt from listing on the Canadian DSL / NDSL.

**TSCA:** (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA 313:**

This product does not contain listed substances above the "de minimus" level

**Ethoxydiglycol - 111-90-0**

CAS No. 111-90-0 applies to R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>-OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate  
Chemical Category N230

**SARA 311/312 Hazard Categories:**

<b>Acute health hazard:</b>	Yes
<b>Chronic Health Hazard:</b>	No
<b>Fire hazard:</b>	No
<b>Sudden release of pressure hazard:</b>	No
<b>Reactive Hazard:</b>	No

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health hazards:</b> 1	<b>Flammability:</b> 0	<b>Instability:</b> 0	<b>Special hazards:</b> -
<b>HMIS</b>	<b>Health hazards:</b> 1	<b>Flammability:</b> 0	<b>Physical hazards:</b> 0	

**Revision Date:** 15-Nov-2024

**Revision Note:** New product

**Disclaimer:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**