



# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 21-Dec-2021

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name:** TREE-Z (FORMERLY GRAFFITI REMOVER SAC)  
**Product Number:** 3071 , 3171  
**Recommended Use:** Cleaning agent  
**Uses Advised Against:** For Industrial and Institutional Use Only

**Manufacturer/Supplier:** Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537 USA  
800-537-8990 (Business hours)  
[www.spartanchemical.com](http://www.spartanchemical.com)

#### 24 Hour Emergency Phone Numbers:

**Medical Emergency/Information:** 888-314-6171  
**Transportation/Spill/Leak:** CHEMTREC 800-424-9300

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious Eye Damage/Eye Irritation: Category 1  
Specific Target Organ Toxicity (Single Exposure): Category 3  
Aspiration Toxicity: Category 1  
Flammable Liquids: Category 4

#### GHS Label Elements

**Signal Word:**

**Danger**

**Symbols:**



**Hazard Statements:**

Causes serious eye damage  
May cause respiratory irritation  
May be fatal if swallowed and enters airways  
Combustible liquid

#### Precautionary Statements:

**Prevention:**

Wear protective gloves  
Wear eye / face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking

**Response:**

**-Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

|  |   |
|--|---|
| <b>-Inhalation:</b>                      | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell                                    |
| <b>-Ingestion:</b>                       | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting.  |
| <b>-Specific Treatment:</b>              | See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.   |
| <b>Fire:</b>                             | In case of fire: Use CO2, dry chemical, or foam for extinction  |
| <b>Storage:</b>                          | Store locked up. Store in a well-ventilated place. Keep container tightly closed.   |
| <b>Disposal:</b>                         | Dispose of contents and container in accordance with local, state and federal regulations.  |
| <b>Hazards Not Otherwise Classified:</b> | Not Applicable  |
| <b>Other Information:</b>                | <ul style="list-style-type: none"> <li>• Causes mild skin irritation</li> <li>• Contains petroleum distillates. Possible aspiration hazard.</li> <li>• Keep out of reach of children</li> </ul> |

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name     | CAS No     | Weight-% |
|-------------------|------------|----------|
| Soy Methyl Esters | 67784-80-9 | 15-40    |
| Ethyl Lactate     | 97-64-3    | 15-40    |
| C13-14 Alkane     | 64742-47-8 | 15-40    |
| Undeceth-3        | 34398-01-1 | 5-10     |
| Undecanol         | 112-42-5   | 1-5      |

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

### 4. FIRST AID MEASURES

|                            |   |
|----------------------------|---|
| <b>-Eye Contact:</b>       | Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. |
| <b>-Skin Contact:</b>      | Wash with soap and water. If skin irritation occurs: Get medical attention.   |
| <b>-Inhalation:</b>        | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.                      |
| <b>-Ingestion:</b>         | IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Do NOT induce vomiting.  |
| <b>Note to Physicians:</b> | Contains petroleum distillates. Possible aspiration hazard.   |

### 5. FIRE-FIGHTING MEASURES

|   |   |
|---|---|
| <b>Suitable Extinguishing Media:</b>                          | Dry chemical, CO2, water spray or regular foam, Move containers from fire area if you can do it without risk                                |
| <b>Specific Hazards Arising from the Chemical:</b>            | Thermal decomposition can lead to release of toxic/corrosive gases and vapors.  |
| <b>Hazardous Combustion Products:</b>                         | May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.   |
| <b>Protective Equipment and Precautions for Firefighters:</b> | Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray. |

### 6. ACCIDENTAL RELEASE MEASURES

|                                   |   |
|-----------------------------------|---|
| <b>Personal Precautions:</b>      | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Remove all sources of ignition.   |
| <b>Environmental Precautions:</b> | Do not rinse spill onto the ground, into storm sewers or bodies of water.   |
| <b>Methods for Clean-Up:</b>      | 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). Rags, towels or mops soaked with this product are subject to spontaneous combustion if not handled properly.

## 7. HANDLING AND STORAGE

|                                 |  |
|---------------------------------|--|
| <b>Advice on Safe Handling:</b> | Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. All equipment used when handling the product must be grounded. Rags, towels or mops soaked with this product are subject to spontaneous combustion if not handled properly. Thoroughly rinse these materials with water to remove product before disposal or discard in special containers designed for this purpose. |
| <b>Storage Conditions:</b>      | Keep container tightly closed in a dry and well-ventilated place. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not store above 125°F. Product will expand and may cause container to swell and possibly rupture. In case of container expansion, carefully vent container.  |
| <b>Suggested Shelf Life:</b>    | Minimum of 2 years from date of manufacture.   |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|  |   |
|--|---|
| <b>Occupational Exposure Limits:</b>   | None established  |
| <b>Engineering Controls:</b>           | Provide good general ventilation.<br>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. |
| <b>Personal Protective Equipment</b>   |   |
| <b>Eye/Face Protection:</b>            | Wear splash goggles. For severe use-conditions, wear a face shield over the goggles.  |
| <b>Skin and Body Protection:</b>       | Wear rubber or other chemical-resistant gloves. (neoprene or nitrile is recommended).   |
| <b>Respiratory Protection:</b>         | Not required with expected use.<br>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.<br>See 29 CFR 1910.132-138 for further guidance.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                          |
|--|--------------------------|
| <b>Appearance/Physical State:</b>      | Liquid                   |
| <b>Color:</b>                          | Yellow                   |
| <b>Odor:</b>                           | Bland                    |
| <b>pH:</b>                             | Not Applicable           |
| <b>Melting Point / Freezing Point:</b> | No information available |
| <b>Boiling Point / Boiling Range:</b>  | > 149 °C / 300 °F        |
| <b>Flash Point:</b>                    | 64 °C / 147 °F ASTM D56  |
| <b>Evaporation Rate:</b>               | < 1 (Butyl acetate = 1)  |
| <b>Flammability (solid, gas)</b>       | No information available |
| <b>Upper Flammability Limit:</b>       | No information available |
| <b>Lower Flammability Limit:</b>       | No information available |
| <b>Vapor Pressure:</b>                 | No information available |
| <b>Vapor Density:</b>                  | No information available |
| <b>Specific Gravity:</b>               | 0.898                    |
| <b>Solubility(ies):</b>                | No information available |
| <b>Partition Coefficient:</b>          | No information available |
| <b>Autoignition Temperature:</b>       | No information available |
| <b>Decomposition Temperature:</b>      | No information available |
| <b>Viscosity:</b>                      | No information available |

## 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>                | Heat, flames and sparks.  |
| <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, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.            |
| <b>-Skin Contact:</b>                      | Drying of the skin.  |
| <b>-Inhalation:</b>                        | Nasal discomfort and coughing.   |
| <b>-Ingestion:</b>                         | Harmful if swallowed. Pain, nausea, vomiting and diarrhea. Aspiration may cause pulmonary edema and pneumonitis. |
| <b>Immediate, Delayed, Chronic Effects</b> |  |
| Product Information:                       | Data not available or insufficient for classification.   |

### Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

|                  |            |
|------------------|------------|
| ATEmix (oral):   | 3635 mg/kg |
| ATEmix (dermal): | 6666 mg/kg |

### Component Acute Toxicity Information

| Chemical Name               | Oral LD50            | Dermal LD50             | Inhalation LC50        |
|-----------------------------|----------------------|-------------------------|------------------------|
| Ethyl Lactate<br>97-64-3    | = 8200 mg/kg ( Rat ) | Not Available           | Not Available          |
| C13-14 Alkane<br>64742-47-8 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.2 mg/L ( Rat ) 4 h |
| Undecanol<br>112-42-5       | = 3 g/kg ( Rat )     | Not Available           | Not Available          |

**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     |
|-----------------------------|----------------------|---|----------------------------|---------------|
| C13-14 Alkane<br>64742-47-8 | Not Available        | 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static | Not Available              | Not Available |
| Undecanol<br>112-42-5       | Not Available        | 1.04: 96 h Pimephales promelas mg/L LC50 flow-through   | Not Available              | Not Available |

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

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available

### 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes:** 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

**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

**TSCA Status:** (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

#### **SARA 311/312 Hazard Categories**

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

#### **California Proposition 65**

This product is not subject to warning requirements under California Proposition 65.

### 16. OTHER INFORMATION

|             |                          |                        |                            |                     |
|-------------|--------------------------|------------------------|----------------------------|---------------------|
| <b>NFPA</b> | <b>Health Hazards: 2</b> | <b>Flammability: 2</b> | <b>Instability: 0</b>      | <b>Special: N/A</b> |
| <b>HMIS</b> | <b>Health Hazards: 2</b> | <b>Flammability: 2</b> | <b>Physical Hazards: 0</b> |                     |

**Revision Date:** 21-Dec-2021  
**Reasons for Revision:** Section 2 and 8

#### **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**