

# Product Information Sheet



## Description

**SoyGreen® Graffiti Removers** offer a 'good, better, best' family of products, all are soy-based and environmentally responsible by any criteria, and all are recognized by the EPA's Design for the Environment for safe chemistry. The entire family of products are bio-based, readily biodegradable, non-flammable, and very low in VOC's. Designed to spray and cling to vertical surfaces, the formulations allow extended dwell times and minimum run-off for best results. With a mild odor, the products are ideal for removing paint, graffiti, permanent markers, and scuff marks in schools, hospitals, office buildings, and public transportation. SoyGreen® Graffiti Removers are RTU and should not be diluted. Available in 22 oz. trigger spray bottles packed 6 per case, 5 gallon pails and 55 gallon drums. Wipes are packed 4x70 count; large size towels are 10.5" x 11.4" (abrasive on one side, smooth on the other side).

## Product Options & Applications

**Good: SoyGreen® Graffiti Removers for Painted Surfaces and Graffiti Wipes** are designed to be used on ceramic tiles, glass, marble, formica, enamel and all painted metal surfaces. May also be used with caution for painted wood surfaces. This is the best product to remove inks, markers, and scuff marks from hallways and lockers.

**Better: SoyGreen® Graffiti Remover for Unpainted Surfaces** is a more aggressive formulation designed for use on unpainted surfaces such as concrete, brick, cinder blocks, metals, etc. Do not use to remove graffiti on painted surfaces if the desire is to protect the finish on the underlying painted surface.

**Best: SoyGreen®'s Ultimate Graffiti Remover** is our newest and most aggressive formulation, designed to remove multiple layers of paint and the toughest sun baked graffiti.

**Application:** Spray generous coat on entire area and allow to remain for 5 to 30 minutes depending on age of paint or graffiti, underlying surfaces, and temperature. Rinse, wipe, or brush as required. Some surfaces may require additional applications. If shadowing or the appearance of paint still remains, the paint has most likely penetrated the surface of porous materials. All products are also available in liquid form to help penetrate these surfaces.

**Caution:** Use caution when applying to synthetic surfaces that may be damaged by solvents, such as rubber, vinyl tile and some plastics. Test surfaces, sprayers and brushes for compatibility. Properly dispose of all towels and wipes.

## Safety Data

**Caution:**

Eye Irritant. Avoid contact with eyes. As with all solvents always use suitable safety glasses and gloves.

**First Aid:**

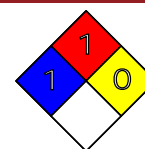
**Eyes:** Flush with water for 15 minutes. If irritation continues, call a physician. **Skin:** Wash off with soap and water.

**Ingestion:** Seek medical attention. **Inhalation:** Remove to fresh air.

**Keep out of reach of children.**

## Technical Data

<b>Type:</b>	Solvent	<b>Boiling Point:</b>	>483°F
<b>Appearance:</b>	Light Brown Viscous Liquid	<b>Melting Point:</b>	30°F
<b>Scent:</b>	Mild	<b>Specific Gravity:</b>	0.963-0.975
<b>pH @ 1% Solution:</b>	8.0 - 9.0	<b>VOC Percentage:</b>	4.4% (GR-P and Wipes); 7.44% (GR-UP); 14.5% (UGR)
<b>Flash Point:</b>	>200°F		



Soy Technologies, LLC

1050 Elizabeth Dr. • Nicholasville KY 40536  
Tel: 800.769.8748 • Fax: 866.767.7902  
info@soytek.com • www.soytek.com

\*VOC Compliant

Made in the USA

Rev 6.01.09

# MATERIAL SAFETY DATA SHEET

Issued: 01/08/02 Revised: 06/01/09

## Soy Technologies, LLC

1050 Elizabeth Dr. Unit 4 • Nicholasville KY 40356

Tel: 800.769.8748 • Fax: 866.767.7902

### Section I — Identification

Product Name: SoyGreen® Graffiti Remover - Painted Surfaces  
SoyGreen® Graffiti Remover - Unpainted Surfaces  
SoyGreen® Ultimate Graffiti Remover  
SoyGreen® Graffiti Wipes  
Chemical Name: Soy-Based Mixture  
Chemical Family: Trade Secret  
Chemical Formula: Trade Secret

HMIS:		NFPA:	
Health:	1	Health:	1
Flammability:	1	Flammability:	1
Physical Hazard:	0	Reactivity:	0
PPE:	B	Special Hazard:	None

### Section II — Composition Information on Ingredient

Trade Secret - Specific chemical identities will be made available to medical professionals and others as required by 29 CFR 1910.1200 (i) (iv)

Graffiti Remover - Unpainted Surfaces (only)  
Composition: N-Methyl-2-Pyrrolidone Weight: < 20%  
OSHA TWA: NK ACGIH TLV:M CAS Number: 872-50-4

Ultimate Graffiti Remover (only)  
Composition: N-Methyl-2-Pyrrolidone Weight: < 40%  
OSHA TWA: NK ACGIH TLV:M CAS Number: 872-50-4

### Section III — Hazards Identification

#### Health Hazards (Acute and Chronic):

Acute: May cause eye irritation. May cause abdominal discomfort, nausea, and diarrhea if swallowed.  
Chronic: No known adverse effects.

Medical Conditions Generally Aggravated by Exposure: None known

### Section IV — First Aid Measures

Inhalation: Remove to fresh air.  
Skin: Wash thoroughly with soap and water. Remove soiled clothing and wash before reuse.  
Ingestion: Get medical attention.  
Eyes: DO NOT RUB EYES. Immediately flush thoroughly with plenty of water. Get medical attention. If discomfort or symptoms develop, get medical attention.

### Section V — Fire and Explosion Hazard Data

Flash Point (Method Used): > 200°F- Open Cup  
Flammable Limits: Not determined  
Extinguishing Media: Water spray, dry chemical, foam and CO<sub>2</sub>.  
Fire Fighting Procedures: Treat as oil fire. Use water spray to cool fire-exposed containers.  
Fire and Explosion Hazards: Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to spontaneous combustion. This product contains antioxidants to retard oxidation.

### Section VI — Accidental Release Measures

Avoid uncontrolled releases of this material into the environment. Contain spilled material. Where necessary, collect using absorbent media. Transfer to secure labelled containers.

### Section VII — Precautions for Safe Handling and Use

#### Precautions to be taken in handling and storing:

Store upright in a cool, dry well ventilated area, in tightly closed containers away from combustible materials, material used in combination with any other materials or in any other applications. The stated MSDS is reliable

to the best of the company's knowledge and believed accurate as of the date indicated.

### Section VIII — Exposure Controls/Personal Protection

**Ventilation/Engineering Controls:** Adequate general ventilation  
**Respiratory protection:** None required where adequate ventilation conditions exist.  
**Eye protection:** Chemical splash goggles recommended.  
**Skin protection:** Impervious gloves recommended.  
**Other protective clothing or equipment:** Wear suitable clothing to avoid skin contact.  
**Work/Hygienic practices:** Do not smoke in areas of storage or use. Avoid contact with eyes. Wash with soap and water immediately after handling.

### Section IX - Physical and Chemical Characteristics

Boiling Point: > 483°F  
Solubility in Water: Partially soluble  
Specific Gravity (H<sub>2</sub>O = 1): 0.963 - 0.975  
Melting Point: 30°F  
Appearance: GR-P, GR-UP, and UGR  
Light Brown Viscous liquid  
GR Wipes - Light Yellow Liquid  
Mild  
Odor:

### Section X — Stability and Reactivity

Stability: Stable  
Conditions to Avoid: Excessive heat or open flame.  
Incompatibility (Materials to Avoid): Strong oxidizing agents. Acids  
Hazardous Decomposition Byproducts: CO and CO<sub>2</sub> may be produced.  
Hazardous Polymerization: Will not occur.

### Section XI —Toxicological Information

Eye irritant. This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as a probable or suspected human carcinogens.

### Section XII — Ecological Information

Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

### Section XIII — Disposal Considerations.

Disposal of all product and used clean up materials must be in accordance with all applicable federal, state and local regulations.

### Section XIV — Transport Information

Not regulated.

### Section XV — Regulatory Information

U.S. FEDERAL REGULATIONS:

#### TOXIC SUBSTANCES CONTROL ACT (TSCA)

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es): Eye Irritant.

#### STATE REGULATIONS:

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Graffiti Remover-Unpainted Surfaces (only) contains one or more chemicals known to cause reproductive toxicity. Consult the regulations of the given state.

#### INTERNATIONAL REGULATIONS:

Consult the regulations of the importing country.

### Section XVI — Other Information

MSDS is reliable to the best of the company's knowledge. For detailed MSDS, contact company at 859-881-1200, or www.soytek.com.