



# Environmentally Preferred Graffiti Remover

## Safety Data Sheet

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### SECTION 1: IDENTIFICATION

**Product Name:** Environmentally Preferred Graffiti Remover

**Additional Names:** GRM

**Recommended Use:** Removal of paint and graffiti

**Company:** Natural Soy Products, LTD

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### SECTION 2: HAZARDS IDENTIFICATION

#### Classification:

Eye Irritant Category 2A H319

Skin Irritant Category 3 H316



**Signal Word:**

**Warning**

#### Hazard Statements:

H303 - May be harmful if swallowed

H319 - Causes serious eye irritation

H316 - Causes mild skin irritation

H402 - Harmful to aquatic life

#### Precautionary Statements:

P312 - Call doctor if you feel unwell

P264 - Wash hands thoroughly after handling

P273 - Avoid release into the environment

P280 - Wear eye protection

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several Minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 - If skin irritation occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse.

P403 - Store in a well ventilated place. Keep cool.

P501 - Dispose of contents/container in accordance with local regulations

**Hazards Not Otherwise Classified:** There are no other hazards not otherwise classified that have been identified.

**Other Information:** Repeated exposure may cause skin dryness or cracking.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Methyl Ester		≤60 %*
Diabasic Ester	Mixture	≥25 %*
Non-ionic Surfactant	Mixture	≤10 %*
d-Limonene	5989-27-5	≤5 %*

\*Specific percentages of composition are being withheld as a trade secret

## SECTION 4: FIRST-AID MEASURES

- Inhalation:** If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, seek medical advice.
- Skin Contact:** Remove contaminated clothing. Flush exposed area with large amounts of water. Obtain medical attention if irritation develops or persists. Launder clothing before use.
- Eye Contact:** Rinse eyes immediately with cool to lukewarm, clear water. Rinse for 5 minutes. Remove contact lenses if present, and continue rinsing for 10 more minutes. Obtain medical attention.
- Ingestion:** May cause upset stomach. Rinse mouth. If feeling sick, seek medical attention.

**Most Important Symptoms/Effects, Acute and Delayed:** Causes mild skin irritation. Causes serious eye irritation.

**Indication of Immediate Medical Attention and Special Treatment Needed:** Immediate medical attention should not be required with normal use. If medical advice is needed, have product container or label on hand.

## SECTION 5: FIRE-FIGHTING MEASURES

**Suitable & Unsuitable Extinguishing Media:**

Use Dry chemical, Co2, water spray, "alcohol" foam, or sand/earth.

**Unsuitable Extinguishing Media:**

Avoid high volume jet water. Use of heavy stream of water may spread fire.

**Specific Hazards Arising from Chemical:**

Product is not explosive. Product is combustible.

**Special Protective Actions for Fire-Fighters:**

Do not allow run-off from fire fighting to enter drains or water courses. Wear positive pressure self-contained breathing apparatus; wear full protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** *For non-emergency and Emergency personnel: See section 8 - Personal Protection. Avoid eye contact- wear safety goggles.*

**Environmental Precautions:** Do not allow into open waterways and ground water systems.

**Methods and Materials for Containment and Clean Up:** Dike or soak up with inert absorbent material, Transfer to a container for reuse or disposal. *See section 13 for disposal considerations.*

## SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame, and direct sunlight. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Precautions for Safe Storage including Incompatibilities:** Store in containers that will not rust. Store in a dry, cool, and well-ventilated area. Keep container closed when not in use. Avoid prolonged exposure to sunlight. Do not store at temperatures above 90° F. Incompatible with strong oxidizers, inorganic acids, and halogens.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limit Values:** Not available.

**Appropriate Engineering Controls:** Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Individual Protection Measures / Personal Protective Equipment (PPE):**

**Eye Contact:** Use protective glasses or safety goggle if splashing or spray-back is likely.

**Respiratory:** Use in well ventilated areas. Use organic vapors mask when handling above 120° F.

**Skin Contact:** Use rubber or plastic, solvent resistant gloves when used for long periods of time or if dermally sensitive.

**General Hygiene Considerations:** Wash thoroughly after handling and before eating or drinking.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown,viscous liquid	<b>Partition Coefficient: n-octanol/water:</b>	Not determined
<b>Odor:</b>	Amine-like odor	<b>Auto-ignition Temperature:</b>	Not determined
<b>Odor Threshold:</b>	Not determined	<b>Decomposition Temperature:</b>	No data available
<b>pH:</b>	Not determined	<b>Viscosity:</b>	>15cSt @ 100° F
<b>Freezing Point:</b>	Approx 11° to30° F	<b>Specific Gravity:</b>	Approx .87 to 1.03 at 77° F
<b>Boiling Point &amp; Range:</b>	Over 345° F at 760MM HG Pressure	<b>Flash Point:</b>	103° C (217.4°F) Based on Diabasic Ester
<b>Evaporation Rate:</b>	Not determined		
<b>Upper/Lower Flammability or Explosive Limits:</b>	Not determined		
<b>Vapor Pressure:</b>	5 PSIG at 100° C	<b>Flammability (solid/gas):</b>	Not determined
		<b>Relative Density:</b>	Not determined
<b>Vapor Density:</b>	Not determined	<b>Solubility:</b>	Miscible

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Reacts slowly with air or oxygen.
<b>Chemical Stability:</b>	Stable under recommended handling and storage conditions ( <i>see Section 7</i> )
<b>Possibility of Hazardous Reactions:</b>	No data available
<b>Conditions to Avoid:</b>	Extreme heat or cold
<b>Incompatible Materials:</b>	Do not mix with strong oxidizers, inorganic acids, and halogens
<b>Hazardous Decomposition Products:</b>	None known

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Inhalation- Skin Contact- Eye Contact- Ingestion-	Overexposure may cause headache. Causes mild skin irritation. Causes serious eye irritation. Ingestion of large amounts may be irritating to gastrointestinal tract.
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*Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under typical use conditions.*

*Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions.*

*Delayed and immediate effects and or chronic effects from long term exposure:Headache, dry skin, or skin irritation may Occur.*

*Interactive effects: Not known*

### Numerical Measures of Toxicity

**Basis for Assessment:** Information given is based on component data and the toxicology of similar products.

<b>Acute Toxicity:</b>	Oral LD50 (rat)	>2000 mg/kg
	Dermal LD50 (rabbit)	>5000 mg/kg
	Inhalation LC50	Undetermined

<b>Skin Corrosion/Irritation:</b>	Causes mild skin irritation
<b>Eye Damage/Irritation:</b>	Causes serious eye irritation
<b>Respiratory or skin sensitization:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Specific Target Organ Toxicity-Single Exposure:</b>	Not expected to be a hazard.
<b>Specific Target Organ Toxicity-Repeated Exposure:</b>	Not expected to be a hazard.
<b>Aspiration Hazard:</b>	No data available

## SECTION 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available
<b>Aquatic:</b>	Harmful to aquatic life.
<b>Terrestrial:</b>	Not tested on finished formulation.

<b>Persistence and Degradability:</b>	Inherently and Readily biodegradable
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>Other Adverse Effects:</b>	No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Unused or Used Liquid:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Empty Containers:** Dispose of in accordance with all local regulations.

Never dispose product into lakes, streams, open bodies of water or storm drains.

## SECTION 14: TRANSPORT INFORMATION

**UN Number:** Not regulated as dangerous goods.  
**UN Proper Shipping Name:** Not regulated as dangerous goods.  
**Additional Information:** Not regulated as dangerous goods.

## SECTION 15: REGULATORY INFORMATION

**Toxic Substances Control Act (TSCA):** This product does not contain ingredients subject to reporting of TSCA 12 (B) if exported from the United States.

**OSHA Hazard Communication Standard (29 CFR 1910.1200):** Not Hazardous

**California Prop 65:** To the best of our knowledge, this product does not contain ingredients on the Prop 65 substance list, which the state of California has found to cause cancer, birth defects, or other reproductive effects.

**International Regulations:** Consult the regulations of the applicable country of import.

## SECTION 16: OTHER INFORMATION

### NFPA:

Health - 1: Slight  
Flammability - 1: Slight  
Physical Hazard - 0: Minimal  
Personal Protection - B: Safety glasses, gloves



**Prepared by:** Natural Soy Products, LTD

### Revision Summary:

June 1, 2015 Update to OSHA HazCom 2012/GHS SDS format: Changes to all sections

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