SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GreenSOL

GENERAL USE: For Professional drycleaning use only.

PRODUCT DESCRIPTION: Detergent for siloxane solvents.

MANUFACTURER

R. R. Street & Co. Inc.
215 Shuman Boulevard/Suite 403
Naperville, IL 60563

Product Information: 800-323-7206 (USA & Canada only) **or** 630-416-4244

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 866-303-6947 (USA & Canada only) **or** 651-632-9272

Transportation Emergency: 800-424-9300 (USA & Canada only) **or** 703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Aspiration Hazard: Category 1
Skin corrosion/irritation: Category 2
Serious Eye Damage/Irritation: Category 1

GHS LABEL ELEMENTS

Symbol(s):

Signal Word: Danger

Hazard Statements:

H304 – May be fatal if swallowed and enters airways.
H315 – Causes skin irritation.
H318 – Causes serious eye damage.

Precautionary Statements:

P264 – Wash skin thoroughly after handling.
P280 – Wear protective gloves/protective clothing/eye protection/ face protection.
P301+P310+P331 – IF SWALLOWED: Immediately call a POISON CENTER of doctor/physician. Do NOT induce vomiting.
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, if present and easy to do. Continue rinsing.
P310 – Immediately call a POISON CENTER or doctor/physician.
P332+P313 – If skin irritation occurs: Get medical advice/attention.
P362+P364 – Take off contaminated clothing and wash before reuse.
P337+P313 –If eye irritation persists: Get medical advice/attention.

P501 –Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: Not available.
Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identities of one or more components of this product are withheld as a trade secret.

Chemical Name	Wt.%	CAS#
(Trade Secret #1)	-	-
(Trade Secret #2)	-	-
(Trade Secret #3)	-	-
1,3-Dimethylol-5,5-dimethylhydantoin	< 0.1	6440-58-0

COMMENTS: None.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing. Wash with soap and water. Consult a physician if irritation persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: May cause irritation and possible burns.

SKIN: May cause irritation.

SKIN ABSORPTION: May be slightly toxic.

INGESTION: Irritation of the gastrointestinal tract. May cause nausea, vomiting.

INHALATION: Not likely to be a hazard at ordinary temperatures. High vapor/aerosol concentrations may cause coughing, headaches, and nausea.

ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NFPA Class IIIB.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, oxides of sulfur, hydrogen sulfide.

OTHERCONSIDERATIONS: Concentrated vapor can be ignited by high-intensity source.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spill with absorbent material and water, if necessary.

LARGE SPILL: Contain spill. Avoid breathing vapor. Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls/Personal Protection section (see section 8). Place absorbed material in closed containers for disposal (see section 13). Do not flush to sewer. Avoid contamination of ground and surface waters.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Not applicable.

HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in labeled, tightly sealed containers.

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
(Trade Secret #1)	**TWA**	NE[1]		NE			
	STEL	NE		NE			
(Trade Secret #2)	**TWA**	NE		NE			
	STEL	NE		NE			
(Trade Secret #3)	**TWA**		5		5		
	STEL		NE		NE		
1,3-Dimethylol-5,5-dimethylhydantoin	**TWA**	NE		NE			
	STEL	NE		NE			

TABLE FOOTNOTES:

1. NE=Not established.

The specific identities of one or more components of this product are withheld as a trade secret.

ENGINEERING CONTROLS: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, or goggles.

SKIN: Rubber or Barrier™ gloves.

RESPIRATORY: None required under normal conditions.

PROTECTIVE CLOTHING: Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Do not eat or drink in work area.

OTHER USE PRECAUTIONS: Have eye wash station available. Do not wear contact lenses without eye protection. Avoid inhalation of aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear.
PHYSICAL STATE: Liquid.
COLOR: Colorless to light yellow.
ODOR: Mild.
ODOR THRESHOLD: No data available.
pH: 7
FREEZING POINT: <0°C (32°F)
INITIAL BOILING POINT: >100°C (212°F)
FLASHPOINT: >93°C (200ºF) (PMCC).
EVAPORATION RATE: No data available.
FLAMMABILITY (Solid, Gas): Not applicable, this product is a liquid at room temperature.
FLAMMABLE LIMITS: No data available.
VAPOR PRESSURE: <17 mm Hg at 20°C
VAPOR DENSITY: ~0.6 (air=1)
RELATIVE DENSITY: 0.91
SOLUBILITY IN WATER: Dispersible.
PARTITION COEFFICIENT (Log K_{ow}): No data available.
AUTOIGNITION TEMPERATURE: Not available.
DECOMPOSITION TEMPERATURE: No data available.
VISCOSITY: No data available.
PERCENT VOLATILE: 6

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10. STABILITY AND REACTIVITY

REACTIVITY: No
CHEMICAL STABLITY: Stable.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.
CONDITIONS TO AVOID: None known.
INCOMPATIBLE MATERIALS: Strong oxidizers, strong alkalis, strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Aldehydes, methanol, oxides of sulfur.

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11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Skin absorption, inhalation.
ACUTE TOXICITY (ATE)
- **DERMAL LD_{50}:** > 2,000 (rabbit)
- **ORAL LD_{50}:** > 2,000 (rat)
- **INHALATION LC_{50}:** Insufficient data available.

CHRONIC
- **TARGET ORGANS:** Insufficient data available.
- **SENSITIZATION:** Nonsensitizing.
- **CARCINOGENICITY:**
  - **IARC:** Not listed as a carcinogen.
  - **NTP:** Not listed as a carcinogen.
  - **OSHA:** Not listed as a carcinogen.
  - **OTHER:** No data available.

OTHER: No data available.

REPRODUCTIVE EFFECTS: Insufficient data available.

MUTAGENICITY: Insufficient data available.

SYNERGISTIC MATERIALS: None known.

POTENTIAL HEALTH EFFECTS

EYES: May cause serious eye irritation and damage.

SKIN: May cause severe skin irritation.

SKIN ABSORPTION: Insufficient data available.

INGESTION: May be harmful if swallowed.

ASPIRATION HAZARD: May be fatal if swallowed and enters airways.

INHALATION: Inhalation may be harmful.

MEDICAL CONDITIONS AGGRAVATED: Preexisting skin, allergies, and eye disorders.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY: Aquatic toxicity is moderate for a component of this product.

PERSISTENCE AND DEGRADABILITY: All components are readily or inherently biodegradable.

BIOACCUMULATIVE POTENTIAL: Insufficient data available.

MOBILITY IN SOIL: Insufficient data available.

OTHER ADVERSE EFFECTS: No data available.

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINER: Not applicable.

RCRA/EPA WASTE INFORMATION: Contains no material(s) listed by RCRA as hazardous waste.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

OTHER SHIPPING INFORMATION: Not applicable.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated.

OTHER SHIPPING INFORMATION: Not applicable.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Not regulated.

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15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes. **CHRONIC:** No.

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Not applicable.

STATE REGULATIONS

MASSACHUSETTS

Contains no substances regulated by the Massachusetts Substance List.

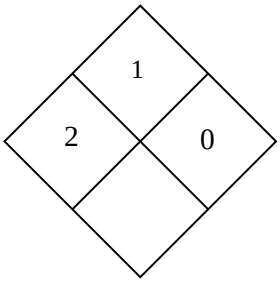
CALIFORNIA

PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS RATINGS	
HEALTH:	2
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS



SDS Revision Date: May 14, 2015