

# MATERIAL SAFETY DATA SHEET

Date Issued: 10/24/2012  
SPOTLESS hc

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** SPOTLESS hc

**GENERAL USE:** For professional drycleaning use only.

**PRODUCT DESCRIPTION:** Stain Pre-Treatment Agent for hydrocarbon 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

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>
(trade secret #1)	-	-
(trade secret #2)	-	-
(trade secret #3)	-	-
(trade secret #4)	-	-
(trade secret #5)	-	-
1,3-Dimethylol-5,5-dimethylhydantoin		6440-58-0

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## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause slight corneal injury.

**SKIN:** Prolonged or repeated exposure may cause dermatitis.

**SKIN ABSORPTION:** No data available.

**INGESTION:** May cause diarrhea. In the case of vomiting after ingestion, product may be aspirated into lungs causing chemical pneumonia, which in extreme cases could lead to death. See section 4, First Aid Measures, for more information.

**INHALATION:** Not likely to be a hazard at ordinary temperatures. High vapor/aerosol concentrations may cause anesthesia, unconsciousness or other central nervous system effects, including death.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Irritation.

**SKIN:** Irritation.

**SKIN ABSORPTION:** No data available.

**INGESTION:** May cause irritation of mouth, throat, stomach; cramps.

**INHALATION:** May cause headache, dizziness, drowsiness.

**MEDICAL CONDITIONS AGGRAVATED:** Dermatitis.

**ROUTES OF ENTRY:** Skin, inhalation.

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#### 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.

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

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#### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** >200°F (TCC).

**AUTOIGNITION TEMPERATURE:** Not available.

**FLAMMABLE LIMITS:** Not available.

**FLAMMABLE CLASS:** NFPA Class III B.

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

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

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

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#### 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 Protective Equipment section. Place absorbed material in closed containers for disposal (see section 13). Do not flush to sewer. Avoid contamination of ground and surface waters.

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#### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Not applicable.

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

**STORAGE:** Store in labeled, tightly sealed containers in a cool, well ventilated area.

**ELECTROSTATIC ACCUMULATION HAZARD:** Ground and bond containers when transferring material.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>
(trade secret #1)	<b>TWA</b>	NE <sup>[1]</sup>	NE		171	
	<b>STEL</b>	NE	NE			
(trade secret #2)	<b>TWA</b>	NE	NE			
	<b>STEL</b>	NE	NE			
(trade secret #3)	<b>TWA</b>	NE	NE			10
	<b>STEL</b>	NE	NE			
(trade secret #4)	<b>TWA</b>	NE	NE			
	<b>STEL</b>	NE	NE			
(trade secret #5)	<b>TWA</b>	NE	NE			
	<b>STEL</b>	NE	NE			
1,3-Dimethylol-5,5-dimethylhydantoin	<b>TWA</b>	NE	NE			
	<b>STEL</b>	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 ordinary conditions.

**PROTECTIVE CLOTHING:** Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include chemical resistant 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

**PHYSICAL STATE:** Liquid.

**ODOR:** Mild.

**APPEARANCE:** Clear.

**COLOR:** Light yellow to amber.

**pH:** 6

**PERCENT VOLATILE:** 78

**VAPOR PRESSURE:** ~3 mm Hg at 20°C

**VAPOR DENSITY:** ~6.6 (air=1)

**BOILING POINT:** >100°C (212°F)

**FREEZING POINT:** <0°C (32°F)

**SOLUBILITY IN WATER:** Dispersible.

**EVAPORATION RATE:** No data available.

**SPECIFIC GRAVITY:** 0.86

**VISCOSITY:** No data available.

**COEFF. OIL/WATER:** No data available.

**ODOR THRESHOLD:** No data available.

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## 10. STABILITY AND REACTIVITY

**STABLE:** Yes.

**HAZARDOUS POLYMERIZATION:** No.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Aldehydes, ketones, organic acids.

**INCOMPATIBLE MATERIALS:** Strong alkalies, strong acids, strong oxidizers.

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**DERMAL LD<sub>50</sub>:** Not available.

**ORAL LD<sub>50</sub>:** Not available.

**INHALATION LC<sub>50</sub>:** Not available.

### CHRONIC

**TARGET ORGANS:** A component of this product has caused liver, kidney, and respiratory tract effects in laboratory animals; not considered relevant to humans.

**SENSITIZATION:** No data available.

### 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:** Not available.

**MUTAGENICITY:** No available.

**SYNERGISTIC MATERIALS:** No data available.

**GENERAL COMMENTS:** Refer to Section 3 for additional information on potential health effects.

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Moderately toxic to aquatic organisms.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Incinerate or dispose of in accordance with federal, state and local regulations.

**EMPTY CONTAINER:** Not applicable.

**RCRA/EPA WASTE INFORMATION:** Contains no material listed by RCRA as a 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.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:**

**FIRE:** Yes. **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.

**CANADA**

**WHMIS CLASS:** Class B, Division 3 and Class D, Division 2

**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**

<b>HMIS RATINGS</b>	
HEALTH:	2
FLAMMABILITY:	2
REACTIVITY:	0
PERSONAL PROTECTION:	B

**NFPA RATINGS**

