

MATERIAL SAFETY DATA SHEET

Date Issued: 10-24-2012

Hydrocare Detergent

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hydrocare Detergent

GENERAL USE: For professional wetcleaning use only.

PRODUCT DESCRIPTION: Wetcleaning Detergent

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. 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)	-	-
Ethyl alcohol	<2	64-17-5
iso-Propyl alcohol	<2	67-63-0

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: No data available.

SKIN: May cause inflammation.

SKIN ABSORPTION: No data applicable.

INGESTION: Not applicable.

INHALATION: Not applicable.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation, redness, tearing, pain.

SKIN: Irritation, redness

SKIN ABSORPTION: No data available

INGESTION: Irritation, nausea, cramps.

INHALATION: Not applicable.

MEDICAL CONDITIONS AGGRAVATED: Skin disease.

ROUTES OF ENTRY: Skin.

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 water.

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

INHALATION: Not applicable.

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

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not applicable.

FLAMMABLE LIMITS: Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

FLAMMABLE CLASS: Not applicable.

EXTINGUISHING MEDIA: Not applicable.

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

FIRE FIGHTING EQUIPMENT: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

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

LARGE SPILL: Contain spill. Clean up spills immediately with absorbent material, observing precautions in the Protective Equipment section. Place absorbed material in closed containers for disposal.

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.

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

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/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
(trade secret #1)	TWA	NE ^[1]		NE			
	STEL	NE		NE			
(trade secret #2)	TWA	NE		NE			
	STEL	NE		NE			
Ethyl alcohol	TWA	1000		NE ^[2]			
	STEL	NE		1000			
iso-Propyl alcohol	TWA	400		200 ^[3]			
	STEL	NE		400			

TABLE FOOTNOTES:

1. NE=Not established.
2. A3: Confirmed animal carcinogen with unknown relevance to humans.
3. A4: Not classifiable as a human carcinogen.

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ENGINEERING CONTROLS: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields,.

SKIN: Rubber or Barrier™ gloves.

RESPIRATORY: Not applicable.

PROTECTIVE CLOTHING: Not applicable.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Floral.

APPEARANCE: Clear.

COLOR: Colorless to light yellow.

pH: 6

PERCENT VOLATILE: ~81

VAPOR PRESSURE: 17 mm Hg at 20°C

VAPOR DENSITY: 0.6 (air=1)

BOILING POINT: 100°C (212°F)

FREEZING POINT: <0°C (32°F)

SOLUBILITY IN WATER: Miscible.

EVAPORATION RATE: ~0.3 (butyl acetate = 1)

SPECIFIC GRAVITY: 1.04

VISCOSITY: No data available.

COEFF. OIL/WATER: No data available.

ODOR THRESHOLD: No data available.

10. STABILITY AND REACTIVITY

STABLE: Yes.

HAZARDOUS POLYMERIZATION: No.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.

INCOMPATIBLE MATERIALS: None.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: No data available.

ORAL LD₅₀: >5000 mg/kg (rat)

INHALATION LC₅₀: Not applicable.

CHRONIC

TARGET ORGANS: No data available.

SENSITIZATION: No data available.

CARCINOGENICITY

IARC: Not listed as a carcinogen.

NTP: Not listed as a carcinogen.

OSHA: Not listed as a carcinogen.

OTHER: ACGIH: A3 and A4 (see section 8).

OTHER: No data available.

SYNERGISTIC MATERIALS: No data available.

REPRODUCTIVE EFFECTS: No data available.

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

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: All components are biodegradable.

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 listed by RCRA as a hazardous waste.

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:** No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** No.
CHRONIC: No.**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 D, Division 2**MEXICO**

Regulated for transportation.

STATE REGULATIONS**MASSACHUSETTS**

Contains one or more 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. (Ethyl alcohol regulated only in beverages.)**16. OTHER INFORMATION**

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

NFPA RATINGS