MATERIAL SAFETY DATA SHEET

Date-Issued: 10/24/2003
MSDS Ref. No: O-1
Revision No: New MSDS
Odorex™

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Odorex
GENERAL USE: For professional drycleaning and laundry use only.
PRODUCT DESCRIPTION: Stain Removal Agent
PRODUCT CODE: ODX-US

MANUFACTURER
R. R. Street & Co. Inc.
184 Shuman Boulevard
Naperville, IL 60563
Product Stewardship: 800-323-7206

24 HR. EMERGENCY TELEPHONE NUMBERS
Medical Emergency: 866-303-6947
Transportation Emergency: 800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identity of the components of this product are withheld as a trade secret.

Chemical Name	Wt.%	CAS#
(trade secret #1)	-	-
(trade secret #2)	-	-
(trade secret #3)	-	-
(trade secret #4)	-	-
(trade secret #5)	-	-

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Substance may cause swelling or blurred vision.

SKIN: May cause inflammation, swelling.

SKIN ABSORPTION: No effects identified.

INGESTION: May cause CNS depression, low blood pressure, rapid heart beat, diarrhea. If ingested, vomiting may occur; vomit may be aspirated into lungs causing chemical pneumonia.

INHALATION: High concentrations may cause CNS depression, unconsciousness or death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation, redness, pain, tearing.

SKIN: Irritation, redness.

SKIN ABSORPTION: No data available.

INGESTION: Headache, dizziness, nausea and cramps.

INHALATION: Irritation of the nose, throat and upper respiratory tract. Dizziness, light headedness, headache, nausea, loss of coordination.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing skin disorders.
ROUTES OF ENTRY: Inhalation and skin.

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4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get 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: 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: Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

FLAMMABLE CLASS: Not applicable.

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

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

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6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Flush with water or clean up with absorbent material and place in closed containers for disposal.

LARGE SPILL:

Contain spill. Clean up spills immediately with absorbent material. Place absorbed material in closed containers for disposal. Flush residual with water.

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7. HANDLING AND STORAGE

HANDLING:

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

STORAGE:

Store in labeled, sealed containers.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3
(trade secret #1)	**TWA**	NE[1]		NE			
	STEL	NE		NE			
(trade secret #2)	**TWA**	100[2]		100[2]			
	STEL	NE		150			
(trade secret #3)	**TWA**	NE		C 25			
	STEL	NE		NE			
(trade secret #4)	**TWA**	400		200[3]			
	STEL	NE		400			
(trade secret #5)	**TWA**	NE		NE			
	STEL	NE		NE			

TABLE FOOTNOTES:

1. NE=Not established.

2. Skin notation.

3. A4: Not classifiable as a human carcinogen.

The specific identity of the components of this product are withheld as a trade secret.

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: Neoprene or Barrier™ gloves.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

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: Light yellow.
pH: 6-7
PERCENT VOLATILE: ~75
VAPOR PRESSURE: ~17 mm Hg at 20°C
VAPOR DENSITY: ~3 (Air=1)
BOILING POINT: ~99°C (211°F)
FREEZING POINT: <0°C (32°F)
SOLUBILITY IN WATER: Dispersible.
EVAPORATION RATE: ~0.3 (butyl acetate = 1)
SPECIFIC GRAVITY: 1.02
COEFF. OIL/WATER: No data available.
ODOR THRESHOLD: No data available.

10. STABILITY AND REACTIVITY

STABLE: Yes.
HAZARDOUS POLYMERIZATION: No.
CONDITIONS TO AVOID: None.
STABILITY: Stable.
POLYMERIZATION: Will not occur.
INCOMPATIBLE MATERIALS: Strong alkalies, strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD_{50}: >5000 mg/kg (rat)
INHALATION LC_{50}: Not available.

CHRONIC

TARGET ORGANS: Components of this product have caused liver and kidney effects in laboratory animals; the relevance to humans is unknown.

CARCINOGENICITY:

IARC: Not listed as a carcinogen.
NTP: Not listed as a carcinogen.
OSHA: Not listed as a carcinogen.

SYNERGISTIC MATERIALS: No data available.

REPRODUCTIVE EFFECTS: Components of this product showed some developmental effects in laboratory animals exposed to high concentrations.

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.

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.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated.

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:** Yes **CHRONIC:** No

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

RCRA STATUS: See section 13.

CANADA

WHMIS CLASS: Class D, Division 2

MEXICO

Not applicable.

STATE REGULATIONS

MASSACHUSETTS

Contains one or more substances named on the Massachusetts Substance List.

CALIFORNIA

PROPOSITION 65 STATEMENT: Not applicable.

16. OTHER INFORMATION

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

NFPA RATINGS:

