

MATERIAL SAFETY DATA SHEET

Date Issued: 10-24-2012

Odorex

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Odorex**GENERAL USE:** For professional drycleaning and laundry use only.**PRODUCT DESCRIPTION:** Stain Removal Agent**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)	-	-
(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 data available.**INGESTION:** May cause vomiting, CNS depression, low blood pressure, rapid heart beat, 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:** 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.

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. 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.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not applicable.

FLAMMABLE LIMITS: 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.

FIRE FIGHTING EQUIPMENT: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

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

LARGE SPILL: Not applicable.

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, sealed containers.

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES:****OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)****EXPOSURE LIMITS**

		<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	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.

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ENGINEERING CONTROLS: Not applicable.

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.

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: 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 known.

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.

INCOMPATIBLE MATERIALS: Strong alkalies, strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: No data available.

ORAL LD₅₀: >5000 mg/kg (rat)

INHALATION LC₅₀: Not available.

CHRONIC

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

SENSITIZATION: No data available.

CARCINOGENICITY

IARC: A minor component is classified as group 3 (Not classifiable).

NTP: Not listed as a carcinogen.

OSHA: Not listed as a carcinogen.

OTHER: ACGIH: A minor component is classified as A4.

OTHER: No data available.

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

MUTAGENICITY: No data available.

SYNERGISTIC MATERIALS: 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 a

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.

REPORTABLE SPILL QUANTITY: 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 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:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS