

MATERIAL SAFETY DATA SHEET

Date Issued: 8/29/2012

Pyratex LV

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pyratex LV**GENERAL USE:** For professional drycleaning, wetcleaning, 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)	-	-

COMMENTS: #1 & #2 = glycol ether, <30% each

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS**EYES:** Substance may cause swelling, blurred vision, slight corneal injury.**SKIN:** May cause swelling, blisters, dermatitis.**SKIN ABSORPTION:** No data available.**INGESTION:** May be harmful if swallowed.**INHALATION:** No data available.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Irritation, pain, redness.**SKIN:** Irritation, redness, drying, cracking.**SKIN ABSORPTION:** No data available.**INGESTION:** No data available.**INHALATION:** No data available.**MEDICAL CONDITIONS AGGRAVATED:** Pre-existing eye and 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 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.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: >93.3°C (200°F) TCC

FLAMMABLE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: No data available.

FLAMMABLE CLASS: NFPA Class IIIB

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide.

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. 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). Avoid contamination of ground and surface waters.

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 area.

ELECTROSTATIC ACCUMULATION HAZARD: No data available.

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	NE		NE			
	STEL	NE		NE			
(trade secret #3)	TWA	NE		NE			
	STEL	NE		NE			
(trade secret #4)	TWA	NE		C 25			
	STEL	NE		NE			
(trade secret #5)	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: None required under ordinary conditions.

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: Solvent resistant 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 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Mild.

APPEARANCE: Clear.

COLOR: Light yellow to amber.

pH: 7 - 8

PERCENT VOLATILE: ~85 (LVP solvents)

VAPOR PRESSURE: <0.1 mm Hg at 20°C

VAPOR DENSITY: No data available
BOILING POINT: >216°C (421°F)
FREEZING POINT: <0°C (32°F)
SOLUBILITY IN WATER: Soluble.
EVAPORATION RATE: No data available.
SPECIFIC GRAVITY: 0.95
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: No data available.
INCOMPATIBLE MATERIALS: Oxidizing materials (may form peroxides). Strong acids, alkalies.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: >4600 mg/kg (rabbit/mouse).
ORAL LD₅₀: >5000 mg/kg (rat/mouse)
INHALATION LC₅₀: No data available.

CHRONIC

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

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: A component of this product showed some fetal developmental effects in lab 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 readily or inherently biodegradable.

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.

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:** Ingredients 1 and 2 are reportable.**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:	2
FLAMMABILITY:	1
REACTIVITY:	1
PERSONAL PROTECTION:	B

NFPA RATINGS