

MATERIAL SAFETY DATA SHEET

Date Issued: 10/24/2012
Pinnacle with Freshenz

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pinnacle with Freshenz

GENERAL USE: For professional drycleaning use only.

PRODUCT DESCRIPTION: Drycleaning 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)	-	-
(trade secret #3)	-	-
(trade secret #4)	-	-
(trade secret #5)	-	-
(trade secret #6)	-	-
Diethanolamine	< 1	111-42-2
1,3-Dimethylol-5,5-dimethylhydantoin		6440-58-0

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Substance may cause swelling, blurred vision.

SKIN: May cause inflammation, swelling. Prolonged or repeated exposure may cause dermatitis.

SKIN ABSORPTION: Low toxicity

INGESTION: May be harmful if swallowed. May cause diarrhea, vomiting. 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 (expected at high temperatures only) may cause effects of the central nervous system, unconsciousness, death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation, redness.

SKIN: Irritation, redness.

SKIN ABSORPTION: No data available

INGESTION: Nausea, cramps, irritation to the mouth, throat, esophagus and stomach

INHALATION: Headache, dizziness, irritation to eyes and respiratory system.

MEDICAL CONDITIONS AGGRAVATED: Dermatitis.

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: 68°C (154°F) PMCC

FLAMMABLE LIMITS: 1% to 9%

AUTOIGNITION TEMPERATURE: Not available.

FLAMMABLE CLASS: NFPA Class IIIA

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

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

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: Extinguish all ignition sources. Avoid breathing vapor. Contain spill. Clean up spills immediately with absorbent material, observing precautions in the Protective Equipment section. Place absorbed material in closed containers for disposal. Do not flush to sewer.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep away from heat, sparks and flame.

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/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
(trade secret #1)	TWA	NE ^[1]	NE		171	
	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	NE			
	STEL	NE	NE			
(trade secret #5)	TWA	NE	NE			
	STEL	NE	NE			
(trade secret #6)	TWA	NE	NE			
	STEL	NE	C 25			
Diethanolamine	TWA	NE		1 ^{[2][3]}		
	STEL	NE		NE		
1,3-Dimethylol-5,5-dimethylhydantoin	TWA	NE	NE			
	STEL	NE	NE			

TABLE FOOTNOTES:

1. NE=Not established.
2. A3: Confirmed animal carcinogen with unknown relevance to humans.
3. Skin.

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ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

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: 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 smoke in presence of vapor. 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: Viscous liquid.

ODOR: Floral.

APPEARANCE: Clear.

COLOR: Light yellow.

pH: 6

PERCENT VOLATILE: ~25

VAPOR PRESSURE: <18 mm Hg at 20°C

VAPOR DENSITY: ~0.3 (air=1)

BOILING POINT: >100°C (212°F)

FREEZING POINT: <0°C (32°F)

SOLUBILITY IN WATER: Dispersible.

EVAPORATION RATE: ~5 (butyl acetate = 1)

SPECIFIC GRAVITY: 1.0

VISCOSITY: ~600 cps at 20°C (68°F)

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: Hydrogen cyanide.

INCOMPATIBLE MATERIALS: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: No data available.

ORAL LD₅₀: Not available.

INHALATION LC₅₀: Not available.

CHRONIC

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

SENSITIZATION: Not data available.

CARCINOGENICITY:

IARC: Not listed as a carcinogen.

NTP: Not listed as a carcinogen.

OSHA: Not listed as a carcinogen.

OTHER: Not applicable.

OTHER: No data available.

REPRODUCTIVE EFFECTS: A component of this product showed some fetotoxicity 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: No data available.

13. DISPOSAL CONSIDERATIONS

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

EMPTY CONTAINER: Do not cut or weld empty drums.

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 if shipped by ground.

OTHER SHIPPING INFORMATION: Not applicable.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated if shipped by ground.

OTHER SHIPPING INFORMATION: Not applicable.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Combustible Liquid, NOS

PRIMARY HAZARD CLASS/DIVISION: Combustible Liquid

UN/NA NUMBER: NA1993

PACKING GROUP: III

PLACARDS: Consult applicable regulations governing air shipments.

LABEL: Consult applicable regulations governing air shipments.

IATA NOTE: Consult IATA for quantity limitations.

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 one or more substances regulated by the Massachusetts Substance List.

CALIFORNIA

PROPOSITION 65 STATEMENT: This product contains a small amount of diethanolamine, which is on the Proposition 65 list of chemicals known to the State of California to cause cancer.

16. OTHER INFORMATION

HMIS RATINGS	
HEALTH:	2
FLAMMABILITY:	2
REACTIVITY:	0
PERSONAL PROTECTION:	B

