

Material Safety Data Sheet (United States)

Section 1 - Product Identification and Company Information

Product Identifier: Olefin Pre-Conditioner **Product Number:** E827
Product Use: Detergent for Olefin carpet
Emergency Telephone No.: 800-535-5053 (Info-trak)
Manufacturer's Name: Professional Chemicals Corp.
Street Address: 325 S. Price Road
City, State, Zip Code: Chandler, Arizona USA, 85224

Section 2 – Hazardous Ingredients

<u>Hazardous Ingredients</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>
Tetrapotassium Pyrophosphate	7320-34-5	N/E	N/E
Sodium Metasilicate	6834-92-0	N/E	N/E
Surfactant mixture	trade secret	N/E	N/E

Items on this MSDS may be designated as a 'trade secret'. Bona fide written requests for disclosure of trade secret information to medical personnel must be made in accordance with the procedures in 29 CFR 1910.1200(i)(1)-(13).

Section 3 – Physical Data

Physical State:	Liquid	Vapor Density (Air = 1):	2.07	Boiling point (°C):	approx. 100°C
Vapor Pressure (mm Hg):	30 mm/Hg	Specific Gravity:	1.07	Freezing point (°C):	< 0 C
pH:	9.0	Evaporation rate:	N/D	Coeff. Water/Oil Dist.:	N/D
Odor & appearance:	Yellow clear liquid with lemon scent.			Odor Threshold:	N/D

Section 4 - Fire and Explosion Data

Flammability: ___ Yes No

If so, under what conditions: None known

Means of extinction: Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

Flash Point & method:	None up to 100°C	Upper Flammable Limit (% by volume):	N/A
Autoignition Temp. (°C):	None up to 100°C	Lower Flammable Limit (% by volume):	N/A

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

Explosion Data: **Sensitivity to Impact:** None **Sensitivity to static discharge:** None

Section 5 - Reactivity Data

Chemical Stability: Yes ___ No **If no, under which conditions:**

Incompatibility with other substances: Yes ___ No **If yes, which ones:** Avoid strong oxidizing materials.

Reactivity, and under what conditions: None known

Hazardous decomposition products: Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products.

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Section 6 - Toxicological Properties

Route of Entry: Skin contact X Skin Absorption Eye contact X Inhalation Ingestion X

Effects of Acute Overexposure to Product:

Inhalation: Excessive exposure may cause respiratory irritation.
Eye Contact: May cause severe eye irritation
Skin Contact: Reported to cause a burning and itching at contact site.
Ingestion: Large amounts may cause gastrointestinal irritation with injury.

Effects of Chronic Overexposure to Product:

Inhalation: N/D
Eye Contact: N/D
Skin Contact: N/D
Ingestion: N/D

Exposure limits: N/D

Irritancy of Product: May cause skin and eye irritation.
Reproductive toxicity: Has been shown to interfere with reproduction in rodents.
Sensitization to Product: Yes, Quaternary amines show some sensitization.
Mutagenicity: None known
Carcinogenicity: N/D
Synergistic products: None known

Section 7 - Preventive Measures

Personal Protective Equipment:

Gloves: Avoid skin contact. Wear NBR or rubber gloves avoid skin contact with concentrate.
Respirator: Use with good ventilation. Respirator not normally required.
Eye: Avoid eye contact. Wear safety glasses while handling concentrate.
Footwear: Standard work shoes.
Clothing: Standard work clothing.
Other: Do not ingest product. No other special protective measures required.

Engineering Controls: Normal room ventilation satisfactory.

Leak and spill procedures: Prevent further spill of material, contain material already spilled.

Waste disposal: Small quantities of this detergent may be disposed of in a sanitary sewer in accordance with regulations. Larger quantities should be collected and consigned to a licensed hazardous waste hauler for disposal in accordance with regulations.

Handling procedures/equipment: None

Storage: Store out of reach of children. Keep container closed. Store in a cool dry location. Avoid freezing or extended storage in high temperatures.

Special shipping information: Non-hazardous.

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Section 8 - First Aid Measures

Specific Measures:

- Inhalation:** Move to fresh air, get medical attention if irritation persists.
- Eye Contact:** Flush thoroughly with water for 15 minutes, get medical attention.
- Skin Contact:** Flush thoroughly with water for 15 minutes. If irritation persists, get medical attention. Launder affected clothing before wearing again.
- Ingestion:** If patient is fully conscious, induce vomiting if large amounts are ingested. If symptoms persist, get medical attention. Do not give anything by mouth to an unconscious person.

Section 9 - Preparation Date of MSDS

Prepared by: Manager, EH&S **Phone Number:** 480/899-7000 **Date:** April 22, 1999

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