

Material Safety Data Sheet

THERMA-TROL™ GEL

Potassium Oxalate Desensitizer Gel

MSDS, Rev. 2

Last revised: 25-September -2008

Approved for Use: 23-November -1998

1. Chemical product and company identification

Product Name: THERMA-TROL™ GEL
Potassium Oxalate Desensitizer Gel

Company Name: Premier Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462 USA
Tel: 610-239-6000
Fax: 610-239-6171
Emergency Tel: 610-239-6000

2. Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity Common Names(s))

| Chemical Name: | CAS Number: |
|-----------------------|--------------------|
|-----------------------|--------------------|

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| Potassium oxalate | 583-52-8 |
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| Potassium binoxalate | 127-95-7 |
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3. Physical/Chemical Characteristics

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| Boiling Point: | Decomposes |
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| Specific Gravity (H₂O = 1): | N/A |
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| Vapor Pressure (mm Hg.): | N/A |
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| Melting Point: | Decomposes |
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| Vapor Density (Air = 1): | N/A |
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| Evaporation Rate (Butyl Acetate = 1): | N/A |
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| Solubility in Water: | Soluble |
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| Appearance and Odor: | Colorless to white, odorless crystals which have been incorporated into a proprietary lavender gel form. |
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4. Fire and Explosion Hazard Data

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| Flash Point (Method Used): | None |
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| Flammable Limits: | N/A |
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| Extinguishing Media: | Dry chemical, Foam, Water spray, or Carbon Dioxide |
| Special Fire Fighting Procedures: | No acute hazard. Move container from fire area if possible. Avoid breathing vapors. |
| Unusual Fire and Explosion Hazards: | Negligible fire hazard when exposed to heat or flame |

5. Reactivity Data

Stability

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| Stable: | Yes |
| Conditions to Avoid: | Freezing |
| Incompatibility (Materials to Avoid): | None known |
| Hazardous Decomposition or Byproducts: | Thermal decomposition may produce oxides of carbon and potassium. |
| Hazardous Polymerization: | Will not occur |

6. Health Hazard Data

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| Route(s) of Entry: | Inhalation: Low hazard Skin Ingestion Eyes |
| Health Hazards (Acute and Chronic): | Skin – causes irritation, discoloration. Ingestion – corrosive to the mucous membranes of the digestive tract; repeated or prolonged exposure may cause hypocalcemia. Eyes – Repeated or prolonged exposure may cause conjunctivitis. |
| Signs and Symptoms of Exposure: | Skin and Eye: Irritation Ingestion: Nausea & vomiting |
| Medical Conditions Generally Aggravated by Exposure: | None known |
| Emergency and First Aid Procedures: | SKIN and EYES: Immediately flush with water 15-20 minutes. Get medical attention. INGESTION: Precipitate oxalate by giving calcium in any form orally such as milk, lime, chalk, calcium gluconate, calcium chloride or calcium lactate. Get immediate medical help. |

7. Precautions for Safe Handling and Use

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| Steps to Be Taken in Case Material is Released or Spilled: | With dental use, most small spills can be mopped up with a wet rag. Larger spills, scoop into sealable container and incinerate or dispose of as solid waste. |
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Waste Disposal Method: Discharge, treatment or disposal may be subject to federal, state or local laws.

Precautions to be taken handling and storing:
Avoid temperature extremes.

8. Control Measures For Use in Dental Office

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| Respiratory Protection (Specify Type): | N/A |
| Ventilation – Local Exhaust: | General |
| Mechanical (General): | N/A |
| Protective Gloves: | Recommended |
| Eye Protection: | Required |
| Other Protective Clothing or equipment: | None |
| Work/Hygienic Practices: | General safe practices |

Legal Disclaimer: The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from the handling or from contact with the above product.

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