

Safety Data Sheet

Therma-Trol Desensitizing Gel

1. Identification

Product Identifier: 4009015
Product Name: Therma-Trol Desensitizing Gel

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

Recommended Use: Topical dental desensitizer

Restrictions for Use: For professional use only.

2. Hazardous Ingredients/Identity Information

Classification of the chemical

Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Acute Toxicity - Dermal Category 4
Acute Toxicity - Oral Category 4



Hazard pictogram(s) Exclamation Mark

Signal word: Warning

3. Physical/Chemical Characteristics

Chemical Name:	CAS #
Potassium oxalate	583-52-8
Potassium binoxalate	127-95-7

4. First Aid Measures

Following eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally, lifting the upper and lower eyelids. Get immediate medical attention.

Following skin: Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Following ingestion: Do not induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Consult a physician if ingested in large amounts.

Following inhalation: Remove from exposure and move to fresh air immediately.

5. Firefighting Procedures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: In case of fire, use water, dry chemical, chemical foam or alcohol-resistant foam.

6. Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

7. Handling and Storage

- Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.
Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.
- Storage:** Store in a well closed container.

8. Exposure Controls, Personal Protection

Engineering Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Personal Protective Equipment

- Eyes:** Wear safety glasses and chemical goggles if splashing is possible
- Skin:** Wear appropriate protective gloves and clothing to prevent skin exposure.
- Clothing:** Wear appropriate protective clothing to minimize contact with skin.
- Respirators:** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

9. Physical and Chemical Properties

- Molecular Formula:** C₂K₂O₄ C₂HKO₄
- Appearance:** light purple
- Odor:** n/a
- Melting point:** No data available
- Boiling point:** No data available
- Flash point:** No data available
- Specific gravity:**
- Solubility in water:** Soluble

10. Stability and Reactivity Data

- Chemical Stability:** Stable under normal temperature and pressures
- Conditions to avoid:** Incompatible materials, strong oxidants
- Incompatibilities with other materials:** Strong oxidizing agents, strong bases.
- Hazardous Decomposition Products:** Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.
- Hazardous Polymerization:** Has not been reported.

11. Toxicological Information

- LD50/LC50**
- Draize test, rabbit, eye:** 100 mg/24H Moderate;
- Oral mouse:** LD50 = 300mg/kg;
- Oral rabbit:** LD50= 3200 mg/kg;
- Oral rat:** LD50 = 980 mg/kg
- Carcinogenicity:**
Salicylamide-
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
See actual entry in RTECS for complete information

12. Ecological Information

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13. Disposal Considerations

Dispose in the manner consistent with federal, state and local regulations

14. Transport Information:

Product Not classified as dangerous in the meaning of transport regulations

- ADR/RID:** n/a
- ICAO/IATA:** n/a
- IMO/IMDG:** n/a

15. Regulatory Information:

Risk phrases: R36/38: Irritating to eyes and skin

Hazard Statements:

H319 Causes serious eye irritation
H315 Causes skin irritation
H312 Harmful in contact with skin
H302 Harmful if swallowed

Precautionary phrases:

P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves, protective clothing, eye protection and face protection.
P301 +P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P322 Specific measures: 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.
P330 Rinse mouth.
P332+P313 If skin irritation occurs: Get medical attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents and container in accordance with local and national regulations

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other Information

Premier's revision date: 12/17/2015

Revision number: 4

Supplier number: 013015

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