

Safety Data Sheet

Rapid-Klene®

1. Identification

Product Name: Rapid-Klene®

Premier® Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462
Phone: 610-239-6000 F a x : 610-239-6171
Emergency Phone: 610-239-6000

Recommended Use: Cleaner for Dental X-Ray Film Processing Units

Restrictions for Use: No known restrictions

2. Hazards Identification

Hazardous Ingredients

Trade Secret

Hazard Classification

Oxidizer, contact with combustible material may cause fire

Potential Health Effects

Eye contact – Irritation, redness, lachrymation, swelling of tissue

Skin – Prolonged skin contact may cause irritation

Ingestion – Irritation, nausea, abdominal pain, vomiting, diarrhea



3. Composition / Information on Ingredients

Ingredients

Trade Secret

4. First Aid Measures

Emergency and First Aid Procedures:

Skin contact:

Rinse the affected skin with running water, followed by washing area with warm, soapy water and rinsing. Consult a physician if redness persists.

Eye contact:

Flush eyes as soon as possible with cool, running water for at least 15 minutes while keeping the eyelids wide open. Consult with an ophthalmologist immediately in all cases.

Ingestion:

Consult with a physician in all cases. If individual is conscious, rinse mouth and administer fresh water. Do NOT induce vomiting.

Inhalation:

Move to fresh air. If symptoms persist, call a physician.

5. Fire-Fighting Measures

Suitable Extinguishing Media

Large quantities of water, water spray.

Special Protective Equipment

In the event of fire, wear self-contained breathing apparatus.

For Fire Fighters

Use personal protective equipment. Cool containers with water spray.

Special Exposure Fire Hazard

Oxidizer. Oxygen released in thermal decomposition may support combustion. Contact with combustible or flammable materials may cause fire.

Hazardous Decomposition

Oxygen

Other Information

Keep product and empty container away from heat and sources of ignition.

6. Accidental Release Measures

Leak and Spill Procedures

For small quantities, sweep up and flush down drain with cold water.

7. Handling and Storage

Handling and Storage Procedures

No special. Keep in a dry place, away from sunlight and away from heat.

- 8. Exposure Controls / Personal Protection**
- Engineering Controls** Use product as instructed. Ensure adequate ventilation.
- Personal Protective Equipment** Wear protective gloves and eye protection.
- Particles not otherwise specified (PNOS)**
- US. ACGIH Threshold Limit Values 2007 time weighted average = 3 mg/m³ Remarks: as respirable particles
 - US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) 02 2006 Permissible exposure limit = 5 mg/m³ Remarks: respirable dust fraction, All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.
 - US. ACGIH Threshold Limit Values 2010 time weighted average = 10 mg/m³ Remarks: Inhalable fraction
 - US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) 02 2006 Permissible exposure limit = 15 mg/m³ Remarks: Total dust, All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.
 - US. OSHA Table Z-3 (29 CFR 1910.1000) 2000 time weighted average = 15 millions of particles per cubic foot of air Remarks: respirable dust fraction
 - US. OSHA Table Z-3 (29 CFR 1910.1000) 2000 time weighted average = 50 millions of particles per cubic foot of air Remarks: Total dust
 - US. OSHA Table Z-3 (29 CFR 1910.1000) 2000 time weighted average = 5 mg/m³ Remarks: respirable dust fraction
 - US. OSHA Table Z-3 (29 CFR 1910.1000) 2000 time weighted average = 15 mg/m³ Remarks: Total dust
 - US. OSHA Table Z-1-A (29 CFR 1910.1000) 1989 time weighted average = 5 mg/m³ Remarks: respirable dust fraction
 - US. OSHA Table Z-1-A (29 CFR 1910.1000) 1989 time weighted average = 15 mg/m³ Remarks: Total dust
- ACGIH® and TLV® are registered trademarks of the American Conference of Governmental Industrial Hygienists. Acceptable Exposure Limit, Time Weighted Average for 8 hour workdays. No Specific TLV STEL (Short Term Exposure Level) has been set. Excursions in exposure level may exceed 3 times the TLV TWA for no more than a total of 30 minutes during a workday and under no circumstances should they exceed 5 times the TLV TWA.
- 9. Physical and Chemical Properties**
- Physical State** Granular
- Odor and Appearance** Odorless / White
- pH** 8.0 – 8.2 Concentration 1% solution
- Solubility** Water, 27g/100ml @ 20°C (68°F)
- 10. Stability and Reactivity**
- Chemical Stability** Product is stable
- Decomposition Products** Oxygen
- Materials to Avoid** Heavy metal salts, organic materials, flammable or combustible materials
- 11. Toxicological Information**
- Toxicological Information** This product has a low potential to cause skin irritation; however, in rare situations, cases of mild irritation have been noted. Harmful if swallowed. Risk of eye damage.
- Chronic Toxicity / Carcinogenic** NONE
- 12. Ecological Information**
- Acute Toxicity** Fishes, pimephales Promelas, LC50, Crustaceans, Daphnia Pules, EC 50, 4.9 mg/L
- Water** Result significant Hydrolysis
- 13. Disposal Considerations:**
- Waste Disposal** Dilute with plenty of water.
- 14. Transport Information:**
- Special Shipping Information** Oxidizer – do not ship via air
- 15. Regulatory Information:**
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|---|-------------------|
| US. EPA Emergency Planning and Community Right-To- Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) | Not regulated |
| SARA Hazard Designation (SARA 311/312) | Fire hazard - Yes |
| US. EPA Emergency Planning and Community Right-To- Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) | Not regulated |
| US. EPA CERCLA Hazardous Substance (40 CFR PART 302) | Not regulated |

US. Pennsylvania Worker and Community Right-To-Know Law (34 Pa. Code Chap. 301323)	Not regulated
US. New Jersey Worker and Community Right-To-Know Act (New Jersey Statute Annotated Section 34:5A5)	Yes
US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)	Not regulated
Toxic Substance Control Act list (TSCA)	In compliance with inventory.
Australian Inventory of Chemical Substances (AICS)	In compliance with inventory
Canadian Domestic Substances List (DSL)	In compliance with inventory
Inventory of Existing Chemical Substances (China) (IECS)	In compliance with inventory.
Korean Existing Chemicals Inventory (KECI (KR))	In compliance with inventory.
EU list of existing chemical substances (EINECS)	In compliance with inventory
Japanese Existing and New Chemical Substances (MITI List) (ENCS)	In compliance with inventory
Philippine Inventory of Chemicals and Chemical Substances (PICCS)	In compliance with inventory
New Zealand Inventory (in preparation) (NZ)	In compliance with inventory

16. Other Information

Premier's revision date: 9/19/2014
Revision number: 4

Supplier's date: 9/8/2014

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