

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:

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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