

# MATERIAL SAFETY DATA SHEET



Presto Restoration Products, Inc.  
555 North Point Center East, 4th Floor  
Alpharetta, GA 30022  
info@PrestoRestorationProducts.com  
www.PrestoRestorationProducts.com

Product Name  
**Citro<sub>2</sub>-Kleen®**

## SECTION I – EMERGENCY CONTACT

InfoTrac 1-800-535-5053

## SECTION II – HAZARDOUS INGREDIENTS

Component	CAS #	TLV (ppm)	% (in prod.)
Hydrogen Peroxide	7722-84-1	1 ppm	1-5

## SECTION III – HEALTH HAZARD

### Acute Effects of Overexposure

Skin:	Corrosive. Dermatitis and bleaching of skin and hair may result from repeated exposure.
Eyes:	Corrosive.
Inhale:	May result in varying degrees of irritation to the respiratory tract tissues.
Ingest:	May cause irritation to the upper gastrointestinal tract with pain and distention due to liberation of oxygen.

### Chronic Effects of Overexposure

Dermatitis and bleaching of skin and hair may result from repeated exposure.

### HMIS Codes

Health:	2	Pers Protection:	B
Flam:	0	Chronic Haz:	N/A
React:	1		

### Carcinogenic Effects

None of the ingredients are listed as carcinogens by NTP, OSHA or IARC.

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## SECTION IV – FIRST AID MEASURES

### First Aid Procedures

Skin:	Wash contaminated area with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops.
Eyes:	Check for and remove contact lenses. Immediately flush with plenty of water for at least 15 minutes. Get medical attention.
Inhale:	Move affected person to fresh air. If symptoms persist, get medical attention.
Ingest:	If product is swallowed, do not induce vomiting. Drink lots of water to dilute ingested product. Get medical attention at once.

## SECTION V – FIRE AND EXPLOSION DATA

Flash Point (F):	Not flammable	Fire Hazard:	N/A
Flammable Limits:	N/A	Means of Extinction:	Use only water.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.		
Unusual Fire Fighting Hazard:	On decomposition, H <sub>2</sub> O <sub>2</sub> releases oxygen, which may intensify fire. Contact with clothing or combustibles may cause fire. Effect may be delayed. Contact with organic liquids or vapors may cause immediate fire or explosion, especially if heated.		

## SECTION VI – ACCIDENTAL RELEASE MEASURES

Spill Cleanup:	Dam up spills with inert material. Flood area with water, then wash to drain according to local, state and federal regulations. May be destroyed with sodium metabisulfite or sodium sulfite (1.9 lb. SO <sub>2</sub> equivalent per lb. of peroxide). Do not release into open, public waters.
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## SECTION VII – HANDLING AND STORAGE PROCEDURES

Handling:	Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of the reach of children.
Storage:	Keep container closed when not in use. Keep away from heat, flame or sunlight. Protect container from physical damage.

## SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection:	Splash-proof safety goggles.
Protective Clothing:	Polyester or acrylic full-body clothing.
Respiratory:	N/A
Gloves:	Chemical-resistant rubber gloves.

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## SECTION IX – PHYSICAL AND CHEMICAL DATA

Boiling Point (F):	212	Specific Gravity:	1.0-1.1
VOC Content (%):	0	pH:	4.8
Evaporation Rate (Bu acetate=1):	Similar to water	Vap. Pressure (mm Hg):	ND
Vap. Density (Air=1):	ND	Solubility in Water:	Completely soluble
Appearance and Odor:	Clear liquid with citrus odor		

## SECTION X – REACTIVE DATA

Stability:	Stable	Polymerization:	Will not occur
Incompatibility:	Flammables/combustibles, cyanides, nitric acid, potassium permanganate, oxidizing and reducing agents	Hazardous Decomposition:	Oxygen, which supports combustion

## SECTION XI – TOXOLOGICAL INFORMATION

Effects of acute exposure to product:	Corrosive to eyes, skin and gastrointestinal tract. Inhalation of mist or vapors may be severely irritating to nose, throat and lungs.
Effects of chronic exposure to product:	Dermatitis and bleaching of skin and hair may result from repeated exposure.

## SECTION XII – ECOLOGICAL INFORMATION

Ecological Information:	H <sub>2</sub> O <sub>2</sub> in the aquatic environment is subject to various reduction or oxidation processes and decomposes into water and oxygen. H <sub>2</sub> O <sub>2</sub> half-life in fresh water ranged from 8 hours to 20 days, in air from 10-20 hours, and in soils from minutes to hours depending upon microbiological activity and metal contaminants. Catfish (96 Hr Lc50 = 37.4 mg/L)
Biodegradable/OECD:	ND

## SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Liquid wastes are not permitted in landfills. Dispose according to local, state and federal regulations. May be destroyed with sodium metabisulfite or sodium sulfite (1.9 lb. SO <sub>2</sub> equivalent per lb. of peroxide). Do not release into open, public waters.
Classification:	Non-Hazardous Waste

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## SECTION XIV – TRANSPORT INFORMATION

Proper Shipping Name: N/A DOT Classification: Not a DOT controlled material  
UN Number: N/A

## SECTION XV – REGULATORY INFORMATION

### SARA Title III Reporting Requirements

Section 302: Not listed  
Section 311: Acute Health, Reactivity and Pressure Hazard  
Section 312: Acute Health, Reactivity and Pressure Hazard  
Section 313: Not listed  
CERCLA: This product does not have a RQ.  
RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22)

## SECTION XVI – OTHER INFORMATION

To the best of our knowledge, information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Regulatory Standards:** DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA) - INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.

To download this MSDS or obtain more information on Presto products, please visit [www.PrestoRestorationProducts.com](http://www.PrestoRestorationProducts.com).