

# MATERIAL SAFETY DATA SHEET



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Product Name  
**Green-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	1-7

## 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. Rinse mouth with water. Drink 1-2 glasses of water to dilute ingested product. Get medical attention at once.

## SECTION V – FIRE AND EXPLOSION DATA

Flash Point (F):	ND	Fire Hazard:	Extra oxygen may be released.
Flammable Limits:	ND	Means of Extinction:	Use only water.
Fire Fighting Procedure:	Wear self-contained breathing apparatus. Avoid breathing vapor (fumes) of heated product. On decomposition, H <sub>2</sub> O <sub>2</sub> releases oxygen, which may intensify fire.		

## SECTION VI – ACCIDENTAL RELEASE MEASURES

Spill Cleanup:	Dam up spills with inert material. Flood area with water and wash. 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:	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Keep container closed. Wash thoroughly after handling. Do not mix with other chemicals.
Storage:	Keep container in cool, well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children. Keep away from heat, flame or sunlight.

## SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection:	Tight-fitting safety goggles are recommended if splashing may occur.
Protective Clothing:	Use rubber, neoprene or nitrile protective gloves.
Respiratory:	Use with adequate ventilation. Use NIOSH respirator if ventilation is inadequate.

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## SECTION IX – PHYSICAL AND CHEMICAL DATA

Boiling Point (F):	>212	Specific Gravity:	1.0-1.02
VOC Content (%):	0	pH:	3-5
Evaporation Rate (Bu acetate=1):	>1	Vap. Pressure (mm Hg):	ND
Vap. Density, (Air=1):	ND	Solubility in Water:	Completely soluble
Appearance and Odor:	Clear liquid with unique 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
Conditions to Avoid:	Alkalis and organic materials		

## SECTION XI – TOXOLOGICAL INFORMATION

Effects of acute exposure to product:	Severe irritant/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 freshwater 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 contaminates. 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:	A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

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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

Clean Air Act (CAA) 112 regulated toxic substances:	Not listed
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.

## SECTION XVI – OTHER INFORMATION

#2750 - SML

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.

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