



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Name Nu-Calgon Wholesaler, Inc.	Phone Number (314) 469-7000 / (800) 554-5499	CHEMTREC (800) 424-9300		
Street Address 2008 Altom Court	City St. Louis	State MO	Postal Code 63146-4151	Last Update 01/04/07
Product Name Spray Guard	Product Number 4205	Product Use Hard Surface Sanitizing System		EPA Registration # N/A

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	% By Wt.	CAS Number	TLV	PEL
Hydrogen Peroxide Complex	5-10%	7722-84-1	1 ppm	Not established
Water	90-95%	7732-18-5	Not established	Not established

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview: Harmful if inhaled. Corrosive. May cause eye and skin burns. May cause digestive tract irritation with possible burns.

Potential Health Effects

Eyes: May cause eye burns

Skin: May be harmful if absorbed through skin

Ingestion: May be harmful if swallowed

Inhalation: May be harmful if inhaled

Chronic Exposure: None known

Carcinogenicity: None known

Medical Conditions Aggravated by Exposure: None known

SECTION 4 – FIRST AID MEASURES

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Skin: Flush skin with water after contact. Wash contaminated clothing before reuse.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SECTION 5 – FIREFIGHTING MEASURES

Flash Point: Not determined°F

Autoignition Temp: Not determined°C/Not determined°F

Hazardous Products of Combustion: Not determined

Flammable Limits in Air: Not determined

Extinguishing Media: For small fires DO NOT use dry chemicals, carbon dioxide, halon or foams. USE WATER ONLY. For large fires flood fire with water from a distance.

Fire and Explosion Hazards: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Special Firefighting Procedures: Not available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak: Obey relevant local, state, and federal laws and regulations. Shovel spilled material into a suitable container

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: Keep container tightly closed. Do not get on skin or in eyes. Do not ingest or inhale.

Storage Requirements: All ignition sources should be eliminated. Keep spray bottle away from children, sun, and heat. Store in a dry place

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Avoid inhalation

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. □

Protective Clothing: Wear appropriate protective clothing to prevent skin exposure

Exposure Guidelines: User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Specific Engineering Controls (such as ventilation, enclosed process): None

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Clear aqueous solution	Freezing Point: Not determined°C/Not determined°F	% Volatile by Weight: Not available%
Color: Colorless	Vapor Density [air =1]: 1.59	Evaporation Rate: Not available
Odor: Odorless	Vapor Pressure: 1 mbar at 86 oF	Specific Gravity: Not available
Boiling Point: 102°C/215 °F	Solubility in Water: soluble	pH (concentrate): 6-7

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable at normal temperatures and storage conditions

Hazardous Polymerization: Polymerization will not occur

Incompatibilities: reducing agents

Reactive Conditions to avoid: Heat

Decomposition Products: Oxygen

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD 50 of Ingredient (Specify Species)	LC50 of Ingredient (Specify Species)
Hydrogen Peroxide Complex	7722-84-1	231-765-0	2 gm/kg (rat)	2 gm/m3/4H (mouse)
Water	7732-18-5	231-791-2	>90 mL/kg (rat)	

SECTION 12 – ECOLOGICAL INFORMATION

Hazardous Ingredients	Aquatic Toxicity Data
Hydrogen Peroxide Complex	No adverse effects known or suspected. Not a RCRA hazardous substance
Water	None

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State, and Local regulations

SECTION 14 – TRANSPORTATION INFORMATION

Special Shipping Information: This substance is considered to be non-hazardous for transport. IATA Non-hazardous for air transport.

<u>Purview</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT (Land)	N/A	N/A	N/A	N/A
IMO (Water)	N/A	N/A	N/A	N/A
ICAO (Air)	N/A	N/A	N/A	N/A

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: (Workplace Hazardous Material Information System)	One component of this product is listed
SARA Title III: (Superfund Amendments & Reauthorization Act)	Not listed
OSHA: (Occupational Safety & Health Administration)	One component of this product is listed
TSCA: (Toxic Substance Control Act)	One component of this product is listed
VOC: (volatile Organic Compounds)	None
CPR: (Canadian Controlled Products Regulations)	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.
EINECS: (European Inventory of Existing Commercial Chemical Substances)	Not listed
DSL / NDSL: (Canadian Domestic Substance List)(Non-Domestic Substance List)	One component of this product is listed on DSL, not NDSL
CERCLA: (Comprehensive Response Compensation & Liability Act)	Not listed
IDL: (Canadian Ingredient Disclosure List)	N/A
NFPA (HMIS) Rating: (Hazardous Materials Identification System)	Health: 3 Flammability: 0 Reactivity: 1

SECTION 16 – OTHER INFORMATION

NFPA Ratings: Health: 3 Flammability: 0 Reactivity: 1

The information contained herein is based on the data available to us and is believed to be correct. However, Nu-Calgon Wholesaler Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Nu-Calgon Wholesaler Inc. assumes no liability for injury from the use of the product described herein.