

36903

# MATERIAL SAFETY DATA SHEET

**SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION**

Manufacturer's Name: **HP Products Corp.** Product Name: **Porcelain & Shower Cleaner**  
 Address: **4220 Saguaro Trail Indianapolis, IN 46268** Date Prepared: **12-1-91**  
 Emergency Telephone No. And Other Information Calls: **(317) 298-9950 or (800) 382-5326** Prepared by Regulatory Affairs Department

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Specific Chemical Identity: Common Name(s)					
Phosphoric Acid	7664-38-2	N/A	1 mg/m <sup>3</sup>	N/A	20.0%
n-Alkyl Dimethylbenzyl Ammonium Chloride	68391-01-5	N/A	N/A	N/A	0.05%
n-Alkyl Dimethylethylbenzyl Ammonium Chloride	68956-79-6	N/A	N/A	N/A	0.05%

HMIS RATING - HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0 PERSONAL PROTECTION EOPT: B  
 THIS PRODUCT CONTAINS A CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR Part 372

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: 212° F Specific Gravity (H<sub>2</sub>O = 1): 1.122  
 Vapor Pressure: N/E Percent Volatile By Volume (%): >75%  
 Vapor Density (AIR = 1): N/E Evaporation Rate: N/E  
 Solubility in Water: Complete Appearance and Odor: Pink Color, Cherry Fragrance

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used) - None Flammable Limits - LEL - N/A UEL - N/A  
 Extinguishing Media - Water fog or foam, CO.  
 Special Fire Fighting Procedures - Wear NIOSH/MSHA approved protective equipment.  
 Unusual Fire and Explosion Hazards - None

**SECTION V - PHYSICAL HAZARDS**

Stability: Unstable Conditions to Avoid - Freezing  
 Stable X

Incompatibility (Materials to Avoid) - Strong Alkalies, reactive metals.

Hazardous Decomposition Products or By-products - Excessive heat; hydrogen gas; oxides of phosphorus  
 Hazardous Polymerization: May Occur Conditions to Avoid - Do not mix with bleach, hypochlorites, or other chemicals.  
 Polymerization: Will not Occur X

**SECTION VI - HEALTH HAZARDS**

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (1. Acute and 2. Chronic) - ACUTE: Causes eye damage and skin irritation. CHRONIC: Slightly toxic with repeated ingestion.			
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes No X	I.A.R.C. Monographs Yes No X

Signs and Symptoms of Exposure - Irritation and burning of tissue upon other than brief contact.  
 Medical Conditions Generally Aggravated by Exposure - Persons with pre-existing dermatitis may be more susceptible to the effects of this material.  
 Emergency and First Aid Procedures - EYES: Flush with plenty of water for at least 15 minutes. Get medical attention. SKIN: Wash off with soap and water. Remove contaminated clothing. If irritation persists, get medical attention. INGESTION: Do not induce vomiting. Give water, milk, or egg whites. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled - Contain spill and collect in approved container. Ventilate area to dissipate fumes. Rinse with dilute bicarbonate solution to neutralize residue.  
 Waste Disposal Method - Waste material may be neutralized with dilute alkaline solution and discharged into treatment system in accordance with local, state, and federal regulations. Triple rinse container, wrap and discard.  
 Precautions to be Taken in Handling and Storing - Keep container tightly closed when not in use. Use only according to label directions. Use with toilet bowl mop or applicator. Do not mix with other chemicals.  
 Other Precautions - Keep out of reach of children. Avoid contact with skin or eyes.

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type) - Not required under normal use. If sprayed use NIOSH approved respirator (TC-21C-279) (TC-23C-7360) (TC-23C-745)  
 Ventilation - X Local Exhaust - Adequate Mechanical (General) - Not required Special - Not required Other - Not required  
 Protective Gloves - Rubber Eye Protection - Face shield and/or chemical goggles Other Protective Clothing or Equipment - Rubber apron and boots recommended.  
 Work/Hygiene Practices - Good housekeeping practices apply.

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.  
 N/A (Not Applicable/Not Available)  
 N/E (Not Established)

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS HAZARD RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

0 - LEAST  
 1 - SLIGHT  
 2 - MODERATE  
 3 - HIGH  
 4 - EXTREME



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Health	2
Flammability	0
Reactivity	0
PPE	B

# Material Safety Data Sheet

**SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION** 305090165

<b>Manufacturer</b> Canberra Corporation	<b>Product Name</b> HP Porcelain and Shower Cleaner
<b>Address</b> 3610 Holland-Sylvania Rd. Toledo, Ohio 43615	<b>Date Prepared</b> 6-1-95
<b>Emergency Telephone No. and Other Information Calls</b> 419-841-6616	<b>Prepared by</b> Regulatory Affairs Department

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(Optional)
* Phosphoric Acid	7664-38-2	3 mg/M <sup>3</sup>	1mg/M <sup>3</sup>	N/A	20.0
Nonoxynol	9016-45-9	N/A	N/A	N/A	1.0

\*THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point	Approx. 212 °F	Specific Gravity (H <sub>2</sub> O=1)	1.120
Vapor Pressure (mm Hg.)	N/E	Percent Volatile by Weight (%)	>75%
pH (conc.)	<1	Evaporation Rate (H <sub>2</sub> O=1)	>1
Solubility in Water	Complete	Appearance and Odor	Pink liquid/Cherry Fragrance

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

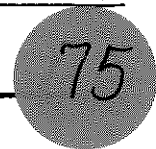
Flash Point (Method Used) None	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media Water, CO <sub>2</sub> , Foam or media suitable for surrounding fire.			
Special Fire Fighting Procedures Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards None Known			

**SECTION V - PHYSICAL HAZARDS**

Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Conditions to Avoid <input type="checkbox"/>	None Known
Incompatibility (Materials to Avoid)	Do not mix with other chemicals.		
Hazardous Decomposition Products or By-products	Thermal decomposition on burning may produce toxic vapors or gases.		

Hazardous Polymerization	May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid <input type="checkbox"/>	None Known
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N/A (Not Applicable/Not Available)



**SECTION VI - HEALTH HAZARDS**

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Routes(s) of Entry:	Inhalation?	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
Health Hazards (1.Acute and 2.Chronic) <b>1. Acute: Harmful if swallowed. Eye and skin irritant. May cause permanent damage if not treated promptly.</b>			
<b>2. Chronic: None Known.</b>			
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA
Signs and Symptoms of Exposure <b>Irritation or burning sensation.</b>			
Medical Conditions Generally Aggravated by Exposure <b>May aggravate skin disorders or respiratory ailments.</b>			

Emergency and First Aid Procedures **Eye Contact: Flush immediately with water for 15 minutes. Get medical attention.**

**Skin Contact: Flush with water for 15 minutes. Remove and wash contaminated clothing. Ingestion: Rinse mouth with water. Then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.**

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled **Wear appropriate protective equipment. If possible, contain spill and collect in an approved container. Rinse affected area thoroughly with water. Keep product out of sewers or waterways. Hold for disposal.**

Waste Disposal Method **Dispose of in accordance with local, state and federal regulations. If possible, triple rinse container and recycle.**

Precautions to be Taken in Handling and Storing **Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation. Keep out of reach of children. Keep container tightly closed when not in use.**

Other Precautions **Use only according to label directions. If unsure about safe use, contact your supervisor immediately.**

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type) **Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure. An approved dust/mist respirator would be recommended.**

Ventilation	Local Exhaust	As Necessary	Mechanical (General)	Adequate	Special	N/A	Other	N/A
Protection Gloves	Water Impervious (Latex, Neoprene)			Eye Protection	Chemical Resistant Goggles or Face Shield			
Other Protective Clothing or Equipment		Not Required		Eye Wash Recommended				

Work/Hygiene Practices **Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.**

**NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.** The goal of defining precisely, in measurable terms, every possible health effect that may occur in the workplace as a result of chemical exposures cannot realistically be accomplished. The information and recommendation contained in this Material Safety Data Sheet are supplied pursuant to 29 C.F.R. 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. Canberra Corporation, however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the same will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Canberra Corporation be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this Material Safety Data Sheet. The ultimate compliance with federal, state and local regulations concerning the use or disposal of this compound, or compliance with respect to products liability rests solely upon the purchaser thereof.