

MATERIAL SAFETY DATA SHEET

PETRA HYGIENIC SYSTEMS

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IDENTITY: PETRACIDE COMB AND BRUSH DISINFECTANT - MC 8005
COMMON NAME: Comb and Brush Disinfectant

EMERGENCY ASSISTANCE: (800) 463-2516 **DATE:** JANUARY 5, 2010

1) HAZARDOUS COMPONENTS

(Specific Chemical Identity, Common Name(s)) OSHA PEL Limits % (Optional)

n-Alkyl Dimethyl Benzyl Ammonium Chloride	5.00%	
Specially Denatured Alcohol	35.00%	
Cetrimonium Chloride	0.20%	
Chloroxylenol	0.50%	

NOTICE TO USER: This controlled product is to be used only in accordance with the directions on this MSDS. DO NOT DILUTE WITH WATER.

2) PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	100 °C	Specific Gravity (H2O=1):	1.05 @ 25°C
Vapour Pressure:	as water	Melting Point:	n/a
Vapour Density:	as water	Evaporating Rate (Butyl Acetate = 1) as water	
Solubility In Water:	complete		
Appearance & Odour:	Clear blue liquid, with characteristic odor		

3) FIRE & EXPLOSION HAZARD DATA

Flash Point (Method Used)-	54 C (PMCC)	Flammable Limits	1.1	LEL	1.3	UEL
Extinguishing Media –	Water or CO2 foam					
Special Fire Fighting Procedures –	None					
Unusual Fire & Explosion Hazards-	keep away from open flame or sparks.					

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4) REACTIVITY DATA

Stability Stable - YES
 Conditions to Avoid - Excessive heat, flames and sparks
 Incompatibility (Materials to Avoid) -Alkalis
 Hazardous Decomposition or By products – N/A
 Hazardous Polymerisation - Will Not Occur
 Conditions to Avoid - N/A

5) HEALTH HAZARD DATA

Route(s) of Entry Inhalation? N/A Skin? YES Ingestion? Possible
 Health Hazards (Acute & Chronic) – Do not ingest. Keep away from Children.
 Carcinogenicity None Known NTP? IARC Monographs? N/A OSHA Regulated? N/A
 Signs & Symptoms of Exposure – rash or irritation on skin or eyes
 Medical Conditions (generally aggravated by exposure) – sensitive skin and/or allergic reactions
 Emergency & First Aid Procedures – Should eye contact occur, flush eyes with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist.

6) PRECAUTIONS FOR SAFE HANDLING & USE

Steps to Be Taken in Case Material is Released or Spilled – Contain spill. Clean up with absorbent material and dispose of in waste container for proper disposal. Flush area with water. Follow all local and federal regulations.
CAUTION – SPILLS ARE SLIPPERY
 Handling & Storage – Store in a cool, dry place. Once opened, use immediately.
 Waste Disposal Method – flush down sanitary sewer with plenty of water, or landfill in accordance with local and federal regulations.
 Other Precautions – **READ AND FOLLOW ALL LABEL DIRECTIONS CAREFULLY. KEEP THIS AND ALL CHEMICAL COMPOUNDS OUT OF THE REACH OF CHILDREN. DO NOT MIX WITH OTHER CHEMICAL MATERIALS.**

7) CONTROL MEASURES

Respiratory Protection (Specify Type) – N/A
 Ventilation: Local Exhaust: N/A Special - N/A
 Mechanical (General): NA Other - N/A
 Protective Gloves : N/A Eye Protection – N/A
 Other Protective Clothing or Equipment - N/A
 Work/Hygienic Practices – Wash with soap and water before eating, drinking or using toilet.

All information, recommendations & suggestions appearing herein concerning our product are based upon tests & data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, & suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by PHS International Ltd., as to the effects of such use, the results to be obtained, or the safety and toxicity of the product. Nor does PHS International Ltd. assume any liability arising out of the use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information is necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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