

22932-1001

22929-1003

-1005

-1052

3068 RAPIDOEZE PEN CLEANER

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Material Safety Data Sheet

#1764

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910. 1200. Standard must be consulted for specific requirements.

IDENTITY (As Used on Label and List) 3068 Rapidoeze Pen Cleaner		<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>	
Section I			
Manufacturer's Name Chartpak, Inc.		Emergency Transport Telephone Number (800) 424-9300 or (01) 703-527-3887	
Address (Number, Street, City, State, ZIP Code) One River Road Leeds, MA 01053		Telephone Number for General Information (413) 584-5446	Telephone Number for Emergency Health Information (800)222-1222
		Date Prepared 3/08	Supersedes 3/06
Section II - Hazardous Ingredients/Identity Information			

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Potassium Hydroxide (1310-58-3)		2mg/M ³ Ceiling		<1
Triethanolamine (102-71-6)		5mg/M ³		5-10
Water				85-90
Additional Information: SARA Title III Sect. 313: not listed HMIS: Health 1 Flammability 0 Reactivity 0 Personal Protection: B NFPA: Health 1 Flammability 0 Reactivity 0 All components are in the TSCA inventory.				

Section III - Physical/Chemical Characteristics

Boiling Point	212°C	Specific Gravity (H ₂ O = 1)	1.024
Vapor Pressure (mm Hg.)	Like Water	Melting Point	26-29°F
Vapor Density (AIR = 1)	Like Water	Evaporation Rate (Butyl Acetate = 1)	Like Water
Solubility in Water	Miscible	pH = 11.9	
Appearance and Odor	White turbid liquid - mild soap odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	None TCC	Flammable Limits	LEL	None	UEL	None
Extinguishing Media	This fluid will not burn or support combustion					
Special Fire Fighting Procedures	High temperatures will evaporate the water and the remaining residue will burn. Water is an adequate extinguishing medium.					
Unusual Fire and Explosion Hazards	NONE					

Section V - Reactivity Data

Stability	Unstable	Conditions To Avoid	NONE
	Stable		
Incompatibility (Materials to Avoid)	NONE		
Hazardous Decomposition or Byproducts	NONE		
Hazardous	May Occur	Conditions to Avoid	NONE

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Polymenzation	Will Not Occur	X
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Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Only water vapor under normal usage	Skin?	X	Ingestion?	Do not ingest
Health Hazards (<i>Acute and Chronic</i>)	May cause irritation to skin, eyes, and mucous membranes					
Carcinogenicity:	NTP?	IARC Monographs?			OSHA Regulated?	
--None of the ingredients are listed as carcinogens--						
Signs and Symptoms of Exposure	Contact with eyes and skin may cause irritation. Ingestion may cause gastric disturbance.					
Medical Conditions Generally Aggravated by Exposure	Unknown					
Emergency and First Aid Procedures	Flush eyes and skin with large amounts of water. If ingested drink 1 or 2 glasses of water; diluted vinegar (20%) or lemon juice may be given. Consult physician or poison control center.					

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	It is not a regulated product. Spills should be contained, neutralized with a suitable acid, and placed in containers for disposal.	
Waste Disposal Method	Incinerate, bury, or run into sewer in accordance with all legal regulations.	
Precautions to Be Taken in Handling and Storing	Extreme heat or cold may cause stratification which disappears at room temperature.	
Other Precautions	NONE	

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)	Not needed	
Ventilation	Local Exhaust	Not Required
	Mechanical (<i>General</i>)	Sufficient
Protective Gloves	Desirable for prolonged or repeated contact.	Special Not Required
	Eye Protection	Recommended to avoid splashing into eyes.
Other Protective Clothing or Equipment	Use protective cream where excessive skin contact is likely.	
Work/Hygienic Practices	Use in accordance with manufacturer's instructions.	