

21005-2009
-2209

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	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.
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**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 4/11	Supersedes 3/08

**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 <sup>3</sup> Ceiling		<1
Triethanolamine (102-71-6)		5mg/M <sup>3</sup>		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**

Bolling Point	212°C	Specific Gravity (H <sub>2</sub> 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	X	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 (Acute and Chronic)	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 (Specify Type)	Not needed		
Ventilation	Local Exhaust	Not Required	Special Not Required
	Mechanical (General)	Sufficient	Other Not Required
Protective Gloves	Desirable for prolonged or repeated contact.	Eye Protection	Recommended to avoid splashing into eyes.
Other Protective Clothing or Equipment	Use protective cream where excessive skin contact is likely.		
Work/Hygenic Practices	Use in accordance with manufacturer's instructions.		

Submit by Email

3080 UNIVERSAL BLACK INDIA INK

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**Material Safety Data Sheet**

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) 3080 Universal Black India Ink	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.
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**Section I**

Manufacturer's Name Chartpak Inc.	Emergency Telephone Number (800) 424-9300
Address (Number, Street, City, State, ZIP Code)  One River Road Leeds, MA 01053	Telephone Number for Information (413) 584-5446
	Last Date Reviewed 3/08 / Updated 11/08
	Supersedes 3/03

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ammonium Hydroxide (1336-21-6)		25ppm as NH <sub>3</sub>		1-2
Phenol (108-95-2)	5ppm	5ppm		0.45
*Ethylene Glycol (107-2-1)	50ppm ceiling conc.	39.4ppm ceiling conc.		1.6
Non Hazardous Components:				
Water				75-85
Carbon Black (1333-86-4)				7-9
Shellac (9000-59-3)				6-8

Additional Information: All ingredients are listed in the EPA toxic substances control act inventory (TSCA) Sara Title 313: \*Listed  
HMIS: HI FO RO Canadian WHMIS classification: Not a controlled product.

**Section III - Physical/Chemical Characteristics**

Boiling Point	215°F	Specific Gravity (H <sub>2</sub> O = 1)	1.055
Vapor Pressure (mm Hg.)	Like Water	Melting Point	25-28°F
Vapor Density (AIR = 1)	Like Water	Evaporation Rate (Butyl Acetate = 1)	Like Water
Solubility in Water	Miscible		
Appearance and Odor	Black liquid with mild odor		

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	None ASTM D56	Flammable Limits	LEL	None	UEL	None
Extinguishing Media	This ink 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**

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Stability		Unstable		Conditions To Avoid	NONE
		Stable	X		
Incompatibility (Materials to Avoid)			NONE		
Hazardous Decomposition or Byproducts			Ammonia, oxides of carbon and nitrogen		
Hazardous	May Occur		Conditions to Avoid	NONE	
Polymenzation	Will Not Occur	X			
<b>Section VI - Health Hazard Data</b>					
Route(s) of Entry:		Inhalation?	X	Skin?	X
				Ingestion?	
Health Hazards (Acute and Chronic)		Over exposure to ammonia, phenol, and ethylene glycol: Acute: Nausea, vomiting, circulatory collapse, depression, greenish or smokey urine, drowsiness, respiratory failure, convulsions. Chronic: Renal and hepatic damage.			
Carcinogenicity: NONE		NTP?		IARC Monographs?	
				OSHA Regulated?	
Signs and Symptoms of Exposure		Over exposure is not expected under normal ink usage; contact with eyes or skin may result in irritation, ingestion may result in gastric disturbances, inhalation may irritate respiratory tract.			
Medical Conditions Generally Aggravated by Exposure		No data found			
Emergency and First Aid Procedures		If inhaled, move to fresh air, flush eyes with water for at least 15 minutes, wash skin with soap and water. If ingested, drink 1 or 2 glasses of water to dilute. If irritation develops, get medical attention immediately.			
<b>Section VII - Precautions for Safe Handling and Use</b>					
Steps to Be Taken in Case Material Is Released or Spilled			Wipe at once. Dried ink can be soaked with soap solution and rinsed.		
Waste Disposal Method		Bury, incinerate, or run into sewer in accordance with all legal regulations.			
Precautions to Be Taken in Handling and Storing			Avoid temperature extremes		
Other Precautions		NONE			
<b>Section VIII - Control Measures</b>					
Respiratory Protection (Specify Type)		Not Required for normal usage			
Ventilation	Local Exhaust	Not Required		Special Not Required	
	Mechanical (General)	Is normally sufficient to maintain exposure below TLV's		Other Not Required	
Protective Gloves	Recommended to avoid staining hands.		Eye Protection	Recommended to avoid splashing into eyes.	
Other Protective Clothing or Equipment			None		
Work/Hygiene Practices		Wash hands thoroughly before eating, smoking, or using toilet facilities.			