

MATERIAL SAFETY DATA SHEET

BUFFER CA

SECTION 1: IDENTIFICATION

Manufacturer's Name: Mercury Chemical Corporation
Manufacturer's Address: 751 Queen Ann Street, P. O. Box 2773, Burlington, NC 27216
Emergency Phone Number: (336)226-9152
Date Prepared: 6/08/04
Revised Date: N/A
Product Name: Buffer CA
Chemical Description: Citric Acid solution
Product Use: N/A

SECTION II: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	TLV(UNITS)	PRODCAS#
Citric acid	>1		77-92-9

SECTION III: PHYSICAL DATA

Boiling Point: 212 F.
pH 1% Solution: 2-3
Solubility in Water: Soluble
% Moisture: N/A
Brookfield Visc. @ 75F: N/A
Specific Gravity: N/A
Appearance and Odor: Clear liquid with mild odor
Misc. Physical Data: N/A

SECTION IV: FIRE AND EXPLOSION DATA

Flashpoint: N/A
Fire Point: N/A
Extinguishing Media: Water spray or mist

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SECTION V: REACTIVITY DATA

Chemical Stability:	Generally stable
Conditions to Avoid:	Keep away from strong alkalis and metals
Incompatibility:	Strong oxidizers
Decomposition Products:	Phosphorus compounds
Hazardous Polymerization:	Will not occur

SECTION VI: HEALTH HAZARD DATA

Threshold Limit Value:	Not established
Overexposure Effects and Routes of Entry:	Can cause eye irritation. Prolonged or repeated contact with the undiluted product can cause skin dryness or irritation. If swallowed, do not induce vomiting. Seek medical assistance. Inhalation of this product can cause only mild irritation. Remove patient to fresh air.
First Aid Procedures:	Flush eyes with clean water for at least 15 minutes and get medical attention. Remove contaminated clothing and wash affected skin areas with mild soap and water. If swallowed, contact physician. Inhaling this product, you should remove patient to area of fresh air. If breathing is difficult, get medical attention.
Chronic Overexposure Effects:	N/A
Carcinogenicity Information:	No components of this product are listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

SECTION VII: SPILL OR LEAK PROCEDURE

For Spill:	Using shovels or scoops, pick up as much material as possible for use as a salvage material.
Waste Disposal Method:	Dispose of only by methods approved by and used in accordance with local, state and federal regulations.

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SECTION VIII: SPECIAL PROTECTION

Respiratory Protection:	Required only in areas of high dust levels or in areas with little or no ventilation.
Ventilation:	Local exhaust, general or mechanical
Protective Gloves:	
Eye Protection:	Chemical splash goggles
Other Protective Equipment:	Safety shower/eye bath

SECTION IX: SPECIAL PRECAUTIONS

Special Information:	Store at normal temperatures and conditions of warehousing. Keep container closed when not in use. Wash contaminated clothing before re-wearing.
DOT Hazard Class:	N/A
DOT Shipping Name:	Liquid Soap
UN Number:	N/A
NA Number:	N/A
Additional Regulatory Info:	N/A

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