

# MSDS: Liquid Bicarbonate Concentrate, MedicalLyte®

## SECTION 1: PRODUCT IDENTIFICATION

Product Name: Hemodialysis Liquid Acid Concentrate  
BC Series - MedicalLyte®

Company Identification: Dialysis Medical Solutions, LLC  
509 Fishing Creek Rd.  
Lewisberry, PA 17339  
717-938-8391

Emergency Number: CHEMTREC 1-800-424-9300

## SECTION 2: HAZARDOUS INGREDIENTS

Hazardous Components

None

Non-Hazardous Components

Component	CAS #	Approx. W/V%	OSHA PEL
Water	7732-18-5		NE
Sodium Chloride	7647-14-5		NE
Sodium Bicarbonate	144-55-8		NE

The % by weight is specific to the BC product.

NE: None Established

## SECTION 3: PHYSICAL DATA

Physical State: Liquid  
Appearance: Clear  
pH (as mixed): 7.5-8.5  
Solubility in Water (By Weight): Complete  
Odor: None  
Molecular Weight: NE  
Boiling Point: NE  
Freezing Point: NE  
Specific Gravity (H<sub>2</sub>O = 1): NE  
Vapor Pressure at 20 C: NE  
Evaporation Rate: NE  
Melting Point: NE

#### SECTION 4: FIRE AND EXPLOSION DATA

Flashpoint:	N/A
Flammable Limits:	N/A
Fire-Fighting Instructions:	N/A
Extinguish Media:	N/A
Unusual Fire and Explosion Hazards:	Does not support combustion

#### SECTION 5: REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	Strong oxidizing solutions.
Hazardous Polymerization:	None expected.
Hazardous Decomposition:	Will not occur.

#### SECTION 6: HEALTH HAZARD DATA

Exposure Limits:	No chemical specific exposure limits available.
Toxicity Data:	See effects of overexposure.
Carcinogenicity:	
NTP:	No
IARC:	No
OSHA Regulated:	No
Effects of Overexposure:	Skin contact may cause irritation.
Acute:	Eye contact may cause tearing and irritation. Ingestion is not expected route of exposure. May cause vomiting, diarrhea, muscle cramps, listlessness, hypotension, and cardiac arrhythmias. Call a physician if ingested.
Chronic:	None expected.
Medical Conditions Generally	
Aggravated by Exposure:	None expected.

#### SECTION 7: PREVENTIVE MEASURES

Ventilation Requirements:	Normal building ventilation.
Personal Protective Equipment:	
Respiratory:	Not normally required.
Eye:	Safety glasses.
Gloves:	Not normally required.
Clothing:	Wear suitable clothing to prevent repeated or prolonged skin contact.

## **SECTION 8: FIRST AID MEASURES**

Eyes: Flush with plenty of water for a minimum of 15 minutes while holding the eyelids open. Seek medical attention.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists

Ingestion: Contact a physician.

Inhalation: If inhaled, remove to fresh air.

## **SECTION 9: PREPARTION INFORMATION**

Preparation Date: 07/14/11

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