MATERIAL SAFETY DATA SHEET

PART NUMBER: 9210036
IDENTITY: BUFFER SOLUTION pH 10
MANUFACTURER: ROSEMOUNT ANALYTICAL INC.
ADDRESS: 2400 BARRANCA PARKWAY
IRVINE, CA 92606
TELEPHONE: 949/757-8500
(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

DATE REVISED: 01/26/11
PREPARED BY: R. MORRISON
REVISED BY: T. PHILLIPS

SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS	CAS#	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
BLUE FOOD COLORING					
SODIUM CARBONATE	497-19-8	<1			
SODIUM BICARBONATE	144-55-8	<1			
NON-HAZARDOUS INGREDIENTS					
TOTAL		100			

No health hazard or other information is available for the solution of the mixture. The following sections are based on information obtained from http://www.jtbaker.com/msds/englishhtml/S3242.htm http://www.jtbaker.com/msds/englishhtml/S2954.htm and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	100°C
SPECIFIC GRAVITY (H_2O = 1)	1.0
VAPOR PRESSURE (mm Hg/TEMPERATURE)	24 mmHg @ 25°C
MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	N/A
EVAPORATION RATE (= 1)	N/A
SOLUBILITY IN WATER	COMPLETE
WATER REACTIVE	N/A
APPEARANCE AND ODOR	BLUE, COLORLESS

SECTION 3--FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD USE	
AUTO IGNITION TEMPERATURE	N/A
FLAMMABILITY LIMITS IN AIR BY VOLUME	N/A
LEL	N/A
UEL	N/A
EXTINGUISHER MEDIA	N/A
SPECIAL FIRE FIGHTING PROCEDURE	N/A

UNUSUAL FIRE AND EXPLOSION HAZARD: THIS IS AN AQUEOUS SOLUTION AND IS NOT FLAMMABLE NOR EXPLOSIVE.

SECTION 4--REACTIVITY HAZARD DATA

STABILITY STABLE X UNSTABLE__
CONDITIONS TO AVOID: NONE
INCOMPATIBILITY MATERIALS TO AVOID: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: MAY OCCUR__ WILL NOT OCCUR X
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: DOES NOT POLYMERIZE

SECTION 5--HEALTH HAZARD DATA 9210036

PRIMARY ROUTES OF ENTRY: INHALATION__ SKIN ABSORPTION__
INGESTION__ NOT HAZARDOUS X

CARCINOGEN LISTED: NTP__ IRAC__ OSHA__ NOT LISTED X
HEALTH HAZARDS
ACUTE: UNKNOWN
CHRONIC: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE: THIS IS 99% WATER WHICH IS NOT HAZARDOUS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER 15 MINUTES.

SKIN CONTACT: WASH WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR IF NECESSARY.

INGESTION: DILUTE WITH WATER. SEEK MEDICAL ASSISTANCE IF NECESSARY.

SECTION 6--CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSHA/MSHA APPROVED RESPIRATOR
PROTECTIVE GLOVES: YES
EYE PROTECTION: YES

VENTILATION TO BE USED
LOCAL EXHAUST:
MECHANICAL (GENERAL): YES

SPECIAL OTHER (SPECIFY): N/A

PROTECTIVE CLOTHING AND EQUIPMENT: LAB COAT/APRON
HYGIENIC WORK PRACTICES: WASH HANDS AFTER HANDLING.

SECTION 7--PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: RINSE AREA WITH WATER; MOP.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN PLASTIC CONTAINERS AT ROOM TEMPERATURE.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: N/A

RATING:
HEALTH 1 FLAMMABILITY 1 REACTIVITY 2 SPECIFIC__Contact 3