

## MATERIAL SAFETY DATA SHEET

PART NUMBER: 905-3006  
IDENTITY: BUFFER POWDER pH 6.86  
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	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
SODIUM PHOSPHATE, DIBASIC, ANHYDROUS (CAS # 7558-79-4)	51			
POTASSIUM PHOSPHATE MONOBASIC (CAS # 7778-77-0)	49			
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/S4760.htm>, <http://www.jtbaker.com/msds/englishhtml/P6038.htm> and our best scientific understanding of the solution.

### SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	100°C (IN SOLUTION) N/A IN POWDER FORM
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.0 (IN SOLUTION)
VAPOR PRESSURE (mm Hg/TEMPERATURE)	24mmHG @ 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	ODORLESS IN SOLUTION

### SECTION 3--FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD USE	N/A
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:	NOT FLAMMABLE OR EXPLOSIVE

### SECTION 4--REACTIVITY HAZARD DATA

STABILITY	STABLE <u>X</u>	UNSTABLE <u>__</u>
CONDITIONS TO AVOID:	NONE	
IN COMPATIBILITY 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** 905-3006

PRIMARY ROUTES OF ENTRY: INHALATION\_X SKIN ABSORPTION\_\_  
INGESTION\_X NOT HAZARDOUS\_X

CARCINOGEN LISTED: NPT\_\_ IRAC\_\_ OSHA\_\_ NOT LISTED\_X

**HEALTH HAZARDS**

ACUTE: UNKNOWN  
CHRONIC: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

**EMERGENCY FIRST AID PROCEDURES:**

EYE CONTACT: FLUSH WITH WATER IMMEDIATELY FOR 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):

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 WITH WATER AND MOP IT UP

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH LOCAL REGULATIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN PLASTIC CONTAINER, ROOM TEMP.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:

RATING:

HEALTH\_1 FLAMMABILITY\_0 REACTIVITY\_1 SPECIFIC NONE