MATERIAL SAFETY DATA SHEET

PART NUMBER: 905-3010

IDENTITY: pH 12.45 BUFFER POWDER MANUFACTURER: ROSEMOUNT ANALYTICAL INC.

ADDRESS: 2400 BARRANCA PARKWAY DATE REVISED: 01/26/11

IRVINE, CA 92606 PREPARED BY: R. MORRISON

TELEPHONE: 949/757-8500 REVISED BY: T. PHILLIPS

(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS % OSHA ACGIH OTHER LIMIT

PEL TLV RECOMMENDED

CALCIUM HYDROXIDE

(CAS# 1305-62-0) 100

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/C0407.htm and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 100° C SPECIFIC GRAVITY (H₂O = 1) 1.0

VAPOR PRESSURE (mm Hg/TEMPERATURE) 24 mmHg @ 25°C

MELTING POINT

VAPOR DENSITY (AIR = 1)

EVAPORATION RATE (= 1)

N/A

SOLUBILITY IN WATER COMPLETE

WATER REACTIVE N/A

APPEARANCE AND ODOR ODORLESS SOLUTION

SECTION 3--FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD USE

AUTO IGNITION TEMPERATURE

FLAMMABILITY LIMITS IN AIR BY VOLUME

N/A

LEL

VIEL

N/A

EXTINGUISHER MEDIA

SPECIAL FIRE FIGHTING PROCEDURE

N/A

UNUSUAL FIRE AND EXPLOSION HAZARD: NOT FLAMMABLE OR EXPLOSIVE

SECTION 4--REACTIVITY HAZARD DATA

STABILITY STABLE X UNSTABLE __

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:

SECTION 5--HEALTH HAZARD DATA 905-3009

PRIMARY ROUTES OF ENTRY: INHALATION_ SKIN ABSORPTION_

INGESTION_ NOT HAZARDOUS_X

CARCINOGEN LISTED: NPT_ IRAC_ OSHA_NOT LISTED X

HEALTH HAZARDS

ACUTE: UNKNOWN CHRONIC: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE: UNKNOWN

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER 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:

WASTE DISPOSAL METHODS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:

RATING:

HEALTH 2 FLAMMABILITY 0 REACTIVITY 2 SPECIFIC avoid contact