

## MATERIAL SAFETY DATA SHEET

PART NUMBER: SS-2, SS2A  
IDENTITY: CALIBRATING SOLUTION  
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

This product contains a toxic chemical or chemical subject to the reporting requirements of Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313 (40 CFR Section 372).

### SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS	CAS#	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
SODIUM SULFATE (7757-82-6)		2.			
NON-HAZARDOUS INGREDIENTS		98			
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/S5022.htm> and our best scientific understanding of the solution.

### SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	100°C
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.0
VAPOR PRESSURE (mm Hg/TEMPERATURE)	24 mmHg @ 25°C
MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	0.5
EVAPORATION RATE (= 1)	1.0
SOLUBILITY IN WATER	COMPLETE
WATER REACTIVE	NO
APPEARANCE AND ODOR	CLEAR, COLORLESS LIQUID

### 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: THIS IS AN AQUEOUS SOLUTION WHICH IS NOT FLAMMABLE NOR EXPLOSIVE.

### SECTION 4--REACTIVITY HAZARD DATA

STABILITY	STABLE <u>X</u>	UNSTABLE <u>__</u>
CONDITIONS TO AVOID:		
INCOMPATIBILITY MATERIALS TO AVOID:	NONE	
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE	
HAZARDOUS POLYMERIZATION:	MAY OCCUR <u>__</u>	WILL NOT OCCUR <u>X</u>

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: DOES NOT POLYMERIZE

**SECTION 5--HEALTH HAZARD DATA** SS-2, SS-2A

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

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

**HEALTH HAZARDS**

ACUTE:            SODIUM SULFATE IS CATHARTIC IF SWALLOWED.  
CHRONIC:            N/A

SIGNS AND SYMPTOMS OF EXPOSURE: UNKNOWN

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER A MINIMUM 15 MINUTES.

SKIN CONTACT:            WASH WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR IF NECESSARY.

INGESTION: DILUTE WITH SEVERAL GLASSES OF WATER. SEEK MEDICAL ATTENTION.

**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): X

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 CONTAINER AT ROOM TEMPERATURE.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:

RATING:

HEALTH 1            FLAMMABILITY 0            REACTIVITY 0            SPECIFIC\_\_