

MATERIAL SAFETY DATA SHEET

PART NUMBER: 1700605
IDENTITY: SATURATED SUCCINIC ACID SOLUTION
MANUFACTURER: ROSEMOUNT ANALYTICAL INC.
ADDRESS: 2400 BARRANCA PARKWAY
IRVINE, CA 92606
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(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

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

SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS	CAS#	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
SUCCINIC ACID	(110-15-6)	11%			
NON-HAZARDOUS INGREDIENTS (DI water)		89%			
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/S7226.htm> and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	NO INFO FOUND
SPECIFIC GRAVITY (H ₂ O = 1)	1.57 @25°C / 1 atm
VAPOR PRESSURE (mm Hg/TEMPERATURE)	NO INFO FOUND
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	COLORLESS, ODORLESS 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: THIS IS AN AQUEOUS SOLUTION WHICH IS NOT FLAMMABLE NOR EXPLOSIVE.

SECTION 4--REACTIVITY HAZARD DATA

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

SECTION 5--HEALTH HAZARD DATA

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

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

HEALTH HAZARDS

ACUTE: IRRITATION TO GASTROINTESTINAL TRACT AND MUCOUS MEMBRANES
CHRONIC: NO INFO FOUND

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION, REDNESS, COUGHING, ITCHING, AND PAIN

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:: NO INFO FOUND

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 (type N95 filters- optional for solution)

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, GOGGLES, GLOVES, RESPIRATOR OPTIONAL FOR SOLUTION ONLY. POWDER FORM OF SUCCINIC ACID REQUIRES RESPIRATORY PROTECTION/ LOCAL EXHAUST.

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:**NFPA RATING:**

HEALTH 1 FLAMMABILITY 0 REACTIVITY 1 SPECIFIC _