MATERIAL SAFETY DATA SHEET

PART NUMBER: 905-761854
IDENTITY: 4000 NTU Formazin Turbidity Standard
MANUFACTURER: ROSEMOUNT ANALYTICAL INC.
ADDRESS: 2400 BARRANCA PARKWAY
IRVINE, CA 92606
TELEPHONE:949/757-8500
DATE REVISED: 01/26/11
PREPARED BY: R. MORRISON
REVISED BY: T. PHILLIPS
(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

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 LIMITS RECOMMENDED
HYDRAZINE SULFATE (CAS #10034-93-2)		0.5	.1 ppm AS FREE BASE		
Hexamethylenetetramine (CAS# 100-97-0)		5.o			
NON-HAZARDOUS INGREDIENTS: WATER		94.5			
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/H3633.htm , http://www.jtbaker.com/msds/englishhtml/M2067.htm http://sciencestuff.com/msds/C2947.html and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	100°
SPECIFIC GRAVITY (H_2O = 1)	APPROX 1.0
VAPOR PRESSURE (mm Hg/TEMPERATURE)	UNKNOWN
MELTING POINT	0°
VAPOR DENSITY (AIR = 1)	LIKE WATER
EVAPORATION RATE (= 1)	LIKE WATER
SOLUBILITY IN WATER	AQUEOUS SOLUTION
WATER REACTIVE	NO
APPEARANCE AND ODOR	TURBID

SECTION 3--FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD USED	N/A
AUTO IGNITION TEMPERATURE	N/A
FLAMMABILITY LIMITS IN AIR % BY VOLUME	N/A
LEL	
UEL	
EXTINGUISHER MEDIA	N/A
SPECIAL FIRE FIGHTING PROCEDURES	N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS:	N/A

SECTION 4--REACTIVITY HAZARD DATA

STABILITY:	STABLE X	UNSTABLE__
CONDITIONS TO AVOID:		UNKNOWN
INCOMPATIBILITY (MATERIALS TO AVOID:		UNKNOWN
HAZARDOUS DECOMPOSITION PRODUCTS:		FORMALDEHYDE, AMMONIA, FREE HYDROGEN
HAZARDOUS POLYMERIZATION:	MAY OCCUR___	WILL NOT OCCUR X

SECTION 5--HEALTH HAZARD DATA: 905-761854

PRIMARY ROUTES OF ENTRY: INHALATION X SKIN ABSORPTION X
INGESTION X NOT HAZARDOUS_

CARCINOGEN LISTED: NTP___ IARC___ OSHA X NOT LISTED
HEALTH HAZARDS: HYDRAZINE AS FREE BASE IS TOXIC. HEXAMETHYLENETETRAMINE IS IRRITATING TO SKIN, EYE AND NERVOUS MEMBRANES.
ACUTE: no info found for this solution concentration
CHRONIC: no info found for this solution concentration

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION TO EYES, NOSE AND THROAT. MAY ALSO CAUSE A SKIN RASH FROM EXPOSURE TO HEXAMETHYLENETETRAMINE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: no info found

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES.

SKIN CONTACT: FLUSH IMMEDIATELY AND WAS WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR.

INGESTION: GIVE LARGE AMOUNTS OF WATER. INDUCE VOMITING. CALL A PHYSICIAN.

SECTION 6--CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE)--N/A
PROTECTIVE GLOVES: X
EYE PROTECTION: X

VENTILATION TO BE USED
LOCAL EXHAUST: X
MECHANICAL (GENERAL):
SPECIAL:
OTHER (SPECIFY):
PROTECTIVE CLOTHING AND EQUIPMENT: gloves, lab coat, goggles, respirator optional
HYGIENIC WORK PRACTICES: WASH HANDS WORK AREA

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

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: MOP AND FLUSH TO DRAIN.

WASTE DISPOSAL METHODS: IN ACCORDANCE WITH STATE/FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: WEAR PROTECTIVE CLOTHING.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:

RATING:
HEALTH 2 FLAMMABILITY 0 REACTIVITY 0 SPECIFIC Avoid Contact