

MSDS # 1700653

MATERIAL SAFETY DATA SHEET

PART NUMBER: 9210414
IDENTITY: SCALING RESISTANT GEL
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: 1/26/11
PREPARED BY: T.PHILLIPS

SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
Isopropyl alcohol (CAS # 67-63-0)	0.3			
Silica (CAS # 7631-86-9)	5			
Hydrochloric Acid (CAS # 7647-01-0)	0.2			
Silver Chloride (CAS # 7783-90-6)	0.2			
Potassium Chloride (CAS # 7447-40-7)	24			
Non-hazardous ingredients	70.3			
TOTAL	100			

No health hazard or other information is available for the solution of the mixture. The following sections are based on our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	N/A
SPECIFIC GRAVITY (H ₂ O = 1)	N/A
VAPOR PRESSURE (mm Hg/TEMPERATURE)	N/A
MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	N/A
EVAPORATION RATE (= 1)	N/A
SOLUBILITY IN WATER	N/A
WATER REACTIVE	N/A
APPEARANCE AND ODOR	N/A

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 NOT CONSIDERED AN EXPLOSIVE OR FIRE HAZARD.

SECTION 4--REACTIVITY HAZARD DATA

STABILITY	STABLE <u>X</u>	UNSTABLE <u> </u>
CONDITIONS TO AVOID:	NONE	
INCOMPATIBILITY MATERIALS TO AVOID:	NONE	
HAZARDOUS DECOMPOSITION PRODUCTS:	TRACE AMOUNTS OF CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN FLUROIDE, DUE TO COMBUSTION	
HAZARDOUS POLYMERIZATION:	MAY OCCUR <u> </u>	WILL NOT OCCUR <u>X</u>

MSDS # 1700653

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: DOES NOT POLYMERIZE

SECTION 5--HEALTH HAZARD DATA 1700653 (Gel p/n 9210414)

PRIMARY ROUTES OF ENTRY: INHALATION__ SKIN ABSORPTION X
INGESTION X NOT HAZARDOUS X

CARCINOGEN LISTED: NTP__ IRAC__ OSHA__ NOT LISTED X

HEALTH HAZARDS

ACUTE: SKIN IRRITATION MAY OCCUR. EYE IRRITATION WILL OCCUR.

CHRONIC: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE: SNEEZING, DRYNESS OF MUCOUS MEMBRANES, DERMATITIS, GASTROINTESTINAL IRRITATION MAY OCCUR IF LARGE AMOUNTS ARE INGESTED.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER A MINIMUM OF 15 MINUTES.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR IF NECESSARY.

INGESTION: SEEK MEDICAL ASSISTANCE IF LARGE AMOUNT INGESTED.

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: N/A

MECHANICAL (GENERAL): N/A

SPECIAL:OTHER (SPECIFY): N/A

PROTECTIVE CLOTHING AND EQUIPMENT: LAB COAT/APRON, EYE PROTECTION.

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: MOP UP SPILLS.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: N/A

RATING:

HEALTH 2 FLAMMABILITY 0 REACTIVITY 1 SPECIFIC contact=2