

MSDS # 1700625

**MATERIAL SAFETY DATA SHEET**

PART NUMBER: 9210392, 9210395  
IDENTITY: HT SILICA REFERENCE 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: 6/8/10  
PREPARED BY: T.PHILLIPS

**SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION**

COMPONENTS	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
Silica (CAS # 7631-86-9)	5			
Potassium Chloride (CAS #7447-40-7)	27.3			
Isopropyl alcohol (CAS # 67-63-0)	0.25			
Non-hazardous ingredients	67.45			
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 <sub>2</sub> 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 NOR FIRE HAZARD.

**SECTION 4--REACTIVITY HAZARD DATA**

STABILITY STABLE X UNSTABLE \_\_  
CONDITIONS TO AVOID: NONE

INCOMPATIBILITY MATERIALS TO AVOID: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: TRACE AMOUNTS OF CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN FLUOROIDE, DUE TO COMBUSTION

HAZARDOUS POLYMERIZATION: MAY OCCUR\_\_ WILL NOT OCCUR X

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HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: DOES NOT POLYMERIZE

**SECTION 5--HEALTH HAZARD DATA** 1700625

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