

MATERIAL SAFETY DATA SHEET

PART NUMBER: 9210273
IDENTITY: SENSOR FILL #2
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DATE REVISED: 01/26/11
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SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS | CAS# | % | OSHA PEL | ACGIH TLV | OTHER LIMIT RECOMMENDED |
|------------------------------|------------|------|----------------------|-----------------|-------------------------|
| SILVER CHLORIDE | 7783-90-6 | .5 | .01mg/m ³ | AS SILVER METAL | |
| POTASSIUM CHLORIDE | 7447-40-7 | 26 | | | |
| SODIUM BENZOATE | 532-32-1 | 1 | | | |
| POLYSACCHARIDE GELLING AGENT | 11138-66-2 | 1 | | | |
| NON-HAZARDOUS INGREDIENTS | | 71.5 | | | |
| 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/P5631.htm> <http://www.vwrsp.com/msds/10/EM-/EM-XX1110-2.pdf> <http://www.jtbaker.com/msds/englishhtml/S2930.htm> <http://www.vwrsp.com/msds/10/AA1/AA11421-22.pdf> and our best scientific understanding of the solution

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

| | |
|---|---|
| BOILING POINT | 100°C |
| SPECIFIC GRAVITY (H ₂ O = 1) | 1.18 |
| VAPOR PRESSURE (mm Hg/TEMPERATURE) | 24 mmHg @ 25°C |
| MELTING POINT | .0 C |
| VAPOR DENSITY (AIR = 1) | N/A |
| EVAPORATION RATE (= 1) | N/A |
| SOLUBILITY IN WATER | COMPLETE |
| WATER REACTIVE | N/A |
| APPEARANCE AND ODOR | OPAQUE, ODORLESS--HIGH VISCOSITY 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 SOLUTION IS NOT FLAMMABLE NOR EXPLOSIVE IN NATURE.

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: | NONE | |

HAZARDOUS POLYMERIZATION: MAY OCCUR__ WILL NOT OCCURX

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: DOES NOT POLYMERIZE

SECTION 5--HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION__ SKIN ABSORPTION__
INGESTIONX NOT HAZARDOUS__

CARCINOGEN LISTED: NTP__ IRAC__ OSHA__ NOT LISTEDX

HEALTH HAZARDS

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

CHRONIC: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE: GASTROINTESTINAL IRRITATION MAY OCCUR IF LARGE AMOUNTS ARE INGESTED.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: IMPAIRED KIDNEY FUNCTION

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 WATER OR MILK. SEEK MEDICAL ASSISTANCE.

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: RECOMMENDED

MECHANICAL (GENERAL): REQUIRED

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: FOR LARGE SPILLS, SCOOP AND PLACE IN SAFETY CONTAINER.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN PLASTIC AT ROOM TEMPERATURE.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: N/A

RATING:

HEALTH2

FLAMMABILITY0

REACTIVITY1

SPECIFIC___contact=2