

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200
Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form approved
OMB No. 1218-0072

| | | | | | |
|--|--|---|------------------|---|--------------|
| IDENTITY (As used on label and list) | | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. | | | |
| Status Accustrep A | | | | | |
| Section I | | | | | |
| Manufactured for LifeSign, LLC | | Emergency Telephone Number | | 800-222-1222 | |
| Address (Number, Street, City, State & Zip Code) | | Telephone Number for Information | | 732-246-3366 | |
| 85 Orchard Road | | Date Prepared | | Rev. 12/05, 7/08, 10/11 | |
| Skillman, NJ 08558 | | Signature of Preparer (optional) | | | |
| Section II - Hazardous Ingredient/Identity Information | | | | | |
| Hazardous Components (Specific Chemical Identity) | | | | | |
| Common Name(s) | | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (Optional) |
| Nitrocellulose membrane (<0.5 gm) test device containing the following dried chemical materials: 0.1% sodium azide, sodium phosphate, dibasic and monobasic, sodium chloride, potassium chloride, potassium phosphate, monobasic, EDTA, bovine serum albumin, colloidal gold, and rabbit anti-group A Streptococcus antibody. Reagents contain sodium nitrite and phosphoric acid. Controls contain phosphate buffered saline and 0.1% sodium azide. | | | | | |
| Section III - Physical/Chemical Characteristics | | | | | |
| Boiling Point | | Not Applicable | | Specific Gravity (H ₂ O = 1) | |
| Vapor Pressure (mm Hg) | | Not Applicable | | Melting Point | |
| Vapor Density (Air = 1) | | Not Applicable | | Evaporation Rate (Butyl Acetate = 1) | |
| Solubility in Water | | Test membrane may release minute amounts of the chemicals listed above in section II upon reconstitution in water. Nitrocellulose membrane is not soluble in water. | | | |
| Appearance and Odor | | Test device in a sealed pouch - Odorless | | | |
| Section IV - Fire and Explosion Hazard Data | | | | | |
| Flash Point (Method Used) | | N/A | Flammable Limits | | N/A |
| Extinguishing Media | | Water, dry chemical or carbon dioxide extinguishers. | | | |
| Special Fire Fighting Procedure | | None | | | |
| Unusual Fire and Explosion Hazards | | Reagents contain sodium azide which may react with copper and lead plumbing to form explosive azides. Upon disposal, flush with copious amounts of water. | | | |

Section V - Reactivity Data

| | | | |
|---|----------------|---|------------------------------------|
| Stability | Unstable | | Conditions to Avoid Not Applicable |
| | Stable | X | |
| Incompatibility (<i>Materials to Avoid</i>) | | | None |
| Hazardous Decomposition or Byproducts | | | None |
| Hazardous Polymerization | May Occur | | Conditions to Avoid Not Applicable |
| | Will Not Occur | X | |

Section VI - Health Hazard Data

| | | | | |
|---|-------------|---|-----------------|------------|
| Route(s) of Entry: | Inhalation? | Skin? | Eyes? | Ingestion? |
| | Yes | Yes | Yes | Yes |
| Health Hazards (<i>Acute and Chronic</i>) | | | | |
| Reagents can be corrosive, irritant and toxic | | | | |
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? | |
| Not Known | | | | |
| Signs and Symptoms of Exposure | | | | |
| Not Known | | | | |
| Medical Conditions Generally Aggravated by Exposure | | | | |
| Eye/skin hypersensitivity to reagents. | | | | |
| Emergency and First Aid Procedures | | Eyes: Flush with copious amounts of water. Skin: wash affected area with soap and copious amounts of water. Ingestion: rinse mouth with water; contact a physician or contact poison control. | | |

Section VII - Precautions for Safe Handling and Use

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| Steps to Be Taken in Case Material is Released or Spilled | |
| Reagents and controls - biohazard precautions would apply. Treat affected area with germicidal agent. | |
| Waste Disposal Method | |
| After use, treat as biohazardous material and dispose of in compliance with current local, state and federal regulations. | |
| Precautions to Be Taken in Handling and Storing | |
| Store at room temperature. Open pouch just prior to testing. | |
| Other Precautions | |
| Keep away from heat, sparks, or open flame. | |

Section VIII - Control Measures

| | | | |
|--|-------------------------------|-----------------------------------|------------------------|
| Respiratory Protection (<i>Specity Type</i>) | | Not Applicable | |
| Ventilation | Local Exhaust | Not Applicable | Special Not Applicable |
| | Mechanical (<i>General</i>) | Not Applicable | Other Not Applicable |
| Protective Gloves | Yes | Eye Protection | Recommended |
| Other Protective Clothing or Equipment | | Lab Coat | |
| Work/Hygienic Practices | | Follow good laboratory practices. | |