



**ELECTRO-TECHNIC PRODUCTS INC.**

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TELEPHONE: 1-773-561-2349  
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MATERIAL SAFETY DATA SHEET

IDENTITY: **Spectrum Tube, Water Vapor (ETP Product No. 21102)**

SECTION I

MANUFACTURER: **Electro-Technic Products, Inc.** EMERGENCY TELEPHONE NUMBER **773-561-2349**

ADDRESS **4642 N. Ravenswood Ave.** TELEPHONE FOR INFORMATION **773-561-2349**  
**Chicago, IL**  
**60640-4510** FAX NUMBER FOR INFORMATION **773-561-3130**

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SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS OSHA PEL ACGIH TLV OTHER LIMITS % (OPT)  
COMPONENT

**None**

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT (deg C) SPECIFIC GRAVITY (H2O=1)

VAPOR PRESSURE (Torr) MELTING POINT (deg C)

VAPOR DENSITY (AIR=1) EVAPORATION RATE (BUTYL ACETATE=1)

SOLUBILITY IN WATER APPEARANCE AND ODOR  
**Colorless, odorless gas**

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED) FLAMMABLE LIMITS LEL UEL  
**Does not apply**

EXTINGUISHING MEDIA **Does not apply**

SPECIAL FIRE FIGHTING PROCEDURES **None**

UNUSUAL FIRE AND EXPLOSION HAZARDS **None**

SECTION V - REACTIVITY DATA **Spectrum Tube, Water Vapor**

|                                      |          |                     |             |
|--------------------------------------|----------|---------------------|-------------|
| STABLE(Y/N)                          | <b>Y</b> | CONDITIONS TO AVOID | <b>None</b> |
| INCOMPATIBILITY (MATERIALS TO AVOID) |          | <b>None</b>         |             |
| HAZARDOUS DECOMPOSITION PRODUCTS     |          | <b>None</b>         |             |
| HAZARDOUS POLYMERIZATION (Y/N)       |          | CONDITIONS TO AVOID | <b>None</b> |

SECTION VI - HEALTH HAZARD DATA

|   |             |           |            |
|---|-------------|-----------|------------|
| ROUTES OF ENTRY                                       | INHALATION? | SKIN?     | INGESTION? |
|   | <b>No</b>   | <b>No</b> | <b>No</b>  |
| HEALTH HAZARDS (ACUTE AND CHRONIC) <b>None</b>        |             |           |            |
| CARCINOGENICITY                                       | NTP         | IARC      | MONOGRAPHS |
|   | <b>No</b>   | <b>No</b> | <b>No</b>  |
| OHSA REGULATED <b>No</b>                              |             |           |            |
| SIGNS AND SYMPTOMS OF EXPOSURE <b>None</b>            |             |           |            |
| MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE <b>None</b> |             |           |            |
| EMERGENCY AND FIRST AID PROCEDURES <b>None</b>        |             |           |            |

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

|   |
|---|
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED |
| <b>Clean up broken glass</b>                              |
| WASTE DISPOSAL METHOD <b>Standard</b>                     |
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING           |
| <b>Sharp glass fragments</b>                              |
| OTHER PRECAUTIONS <b>None</b>                             |

SECTION VIII - CONTROL MEASURES

|   |                        |                       |  |
|---|------------------------|-----------------------|--|
| RESPIRATORY PROTECTION (TYPE) <b>None</b>                   |                        |                       |  |
| VENTILATION:  | LOCAL EXHAUST          | SPECIAL               |  |
|   | MECHANICAL <b>None</b> | OTHER <b>None</b>     |  |
| PROTECTIVE GLOVES <b>No</b>                                 | EYE PROTECTION         | <b>Safety goggles</b> |  |
| OTHER PROTECTIVE EQUIPMENT <b>None</b>                      |                        |                       |  |
| WORK/HYGIENIC PRACTICES <b>Normal laboratory procedures</b> |                        |                       |  |

*Leak Testers, Corona Treaters, Science Education Products*

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