

## ChemLogic® Fluorine/Oxidizers Cassettes

ChemLogic Fluorine/Oxidizers Tapes are designed to be selective, quick responding and highly sensitive to target gases. The ChemLogic Fluorine/Oxidizers Tape is designed to be sensitive and specific to Fluorine and other free halogens and strong oxidizing agents.

**These include:**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| Chlorine (Cl <sub>2</sub> )          | Nitrogen Dioxide (NO <sub>2</sub> )  |
| Chlorine Dioxide (ClO <sub>2</sub> ) | Oxygen Difluoride (OF <sub>2</sub> ) |
| Fluorine (F <sub>2</sub> )           |                                      |

**The following list includes the substances that will produce positive but weaker response includes:**

|  |                                 |                                      |
|--|---------------------------------|--------------------------------------|
| Bromine (Br <sub>2</sub> )                         | Nitric Oxide (NO)               | Xenon Difluoride (XeF <sub>2</sub> ) |
| Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) | Nitric Acid (HNO <sub>3</sub> ) |                                      |
| Iodine (I <sub>2</sub> )                           | Ozone (O <sub>3</sub> )         |                                      |

**The ChemLogic Fluorine Oxidizers Tape will NOT respond to:**

|                      |                   |                   |
|----------------------|-------------------|-------------------|
| Acids                | Hydrazines        | Methyl Chloride   |
| Alcohols             | Hydrides          | Nitrogen          |
| Amines               | Hydrocarbons      | Nitrous Oxide     |
| Ammonia              | Hydrogen          | Phosgene          |
| Carbon Disulfide     | Hydrogen Bromide  | Solvents          |
| Carbon Monoxide      | Hydrogen Chloride | Sulfur Dioxide    |
| Carbon Tetrachloride | Hydrogen Cyanide  | Trichloroethane   |
| Chloroform           | Hydrogen Fluoride | Trichloroethylene |
| Dimethyl Sulfate     | Hydrogen Sulfide  |                   |
| Ethylene Dichloride  | Isocyanates       |                   |
| Freons               | Methyl Bromide    |                   |