

**1 IDENTIFICATION****Product Identifiers**

Product name Positive Control

Product number Varies

**Recommended use of the chemical and restrictions on use**

Recommended use Laboratory chemical

**Details of the suppliers of the safety data sheet**

Company Co-Diagnostics, Inc.  
2401 South Foothill Drive Suite D  
Salt Lake City, Utah 84109

Telephone number (801) 438-1036

Emergency phone number (801) 438-1036 ext. 5

**2 HAZARD(S) IDENTIFICATION****GHS Classification**

|                         | Health | Flammability | Reactivity |
|-------------------------|--------|--------------|------------|
| NFPA Rating (scale 0-4) | 0      | 0            | 0          |
| HMIS Rating (scale 0-4) | 0      | 0            | 0          |

Signal word Not Applicable

Hazard statement(s) Not Applicable

Pictogram(s) Not Applicable

Other hazards This mixture has not been tested to determine the overall health hazard; therefore, in accordance with 29CFR1910.1200, the data reported above pertains to the hazardous ingredients of this mixture.

### 3 COMPOSITION/INFORMATION

#### Description

The exact concentration percentages of the hazardous substances are withheld as a Co-Diagnostics, Inc. trade secret.

|                     |                               |
|---------------------|-------------------------------|
| Substance / Mixture | Mixture                       |
| Product name        | Positive Control              |
| Synonyms            | Logix Smart™<br>Vector Smart™ |
| CAS-No.             | Not Applicable                |
| EC-No.              | Not Applicable                |

#### Hazardous Components

| Chemical Name | CAS-No. | Concentration |
|---------------|---------|---------------|
| None          |         |               |

### 4 FIRST-AID MEASURES

#### Exposure

|                         |   |
|-------------------------|---|
| If inhaled              | Remove from exposure area to fresh air immediately. Get medical attention immediately.  |
| In case of skin contact | Remove contaminated clothing. Flush affected area with water and then wash with soap or mild detergent and water. Observe for signs of irritation. If irritation is present, get medical attention. |
| In case of eye contact  | Wash eyes with large amounts of water or normal saline for at least 15 minutes. Observe for signs of irritation. If irritation is present, get medical attention.                                   |
| If swallowed            | Get medical attention.  |
| Notes to physician      | There is no specific antidote. Treat symptomatically and supportively.  |

**Most important symptoms and effects, both acute and delayed**

None.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**5 FIRE-FIGHTING MEASURES****Extinguishing media**

Suitable extinguishing media CO<sub>2</sub>, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol-resistant foam. Care should be taken as to not aerosolize the powder, where it could become an inhalation risk.

Unsuitable extinguishing media Not known.

**Special hazards arising from the substance or mixture**

Not known.

**Advice for fire-fighters**

No special advice.

**6 ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures Wear appropriate protective clothing and chemically compatible gloves.

Environmental Precautions Dilute with plenty of water.

Methods and materials for containment and cleaning up Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Place spillage in appropriate container for waste disposal. Wash contaminated clothing before reuse.

**7 HANDLING AND STORAGE**

|  |  |
|--|--|
| Precautions for safe handling                                | Observe all federal, state and local regulations. Do not breathe dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use prudent laboratory practices for handling of chemical substances of unknown toxicity. |
| Conditions for safe storage, including any incompatibilities | Keep tightly closed. Store in cool dry place (prolonged storage at -20°C). Use prudent laboratory practices for storage of chemical substances of unknown toxicity.  |

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****Personal protective equipment**

|                        |   |
|------------------------|---|
| Eye/face Protection    | Should wear splash proof or dust resistant safety goggles to prevent eye contact with this substance.                                     |
| Skin Protection        | Must wear appropriate protective gloves to prevent contact with this material.  |
| Body Protection        | Should wear appropriate protective clothing (laboratory coat with long sleeves) and equipment to prevent skin contact with this material. |
| Respiratory Protection | Not required.   |

**Engineering controls**

Use in a laboratory hood or other ventilated device. Use prudent laboratory practices for handling chemical substances of unknown toxicity.

**Exposure Limits**

|          |            |
|----------|------------|
| OSHA PEL | Not known. |
| ACGIH    | Not known. |
| TLV      | Not known. |
| NIOSH    | Not known. |

**9 PHYSICAL AND CHEMICAL PROPERTIES**

|                              |                |
|------------------------------|----------------|
| Appearance                   | Fluid          |
| Color                        | Varies         |
| Odor                         | Not determined |
| Odor Threshold               | Not determined |
| pH                           | Not determined |
| Melting point/range          | Not determined |
| Boiling point/range          | Not determined |
| Freezing point/range         | Not determined |
| Flash point                  | Not determined |
| Evaporation rate             | Not determined |
| Flammability (solid, gas)    | Not determined |
| Burning rate                 | Not determined |
| Upper explosion limit        | Not determined |
| Lower explosion limit        | Not determined |
| Vapor pressure               | Not determined |
| Vapor density                | Not determined |
| Relative density             | Not determined |
| Density                      | Not determined |
| Water solubility             | Not determined |
| Solubility in other solvents | Not determined |
| Auto-ignition temperature    | Not determined |
| Decomposition temperature    | Not determined |
| Dynamic viscosity            | Not determined |

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|  |                |
|--|----------------|
| Kinematic viscosity                    | Not determined |
| Explosive properties                   | Not determined |
| Oxidizing properties                   | Not determined |
| Partition coefficient: n-octanol/water | Not determined |

## 10 STABILITY AND REACTIVITY

|                                    |  |
|------------------------------------|--|
| Reactivity                         | No adverse reactions have been reported. |
| Chemical stability                 | None                                     |
| Possibility of hazardous reactions | None                                     |
| Conditions to avoid                | Prolonged storage. Keep at -20°C.        |
| Incompatible materials             | None                                     |
| Hazardous decomposition products   | None                                     |

## 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

There is no evidence available indicating acute toxicity.

### Routes of Exposure

|                         |                    |
|-------------------------|--------------------|
| If inhaled              | Not known          |
| In case of skin contact | No irritant effect |
| In case of eye contact  | Irritating effect  |
| If swallowed            | Not known          |

### Delayed, immediate, or chronic effects from short to long-term exposure

Not known.

**Carcinogenicity**

|       |  |
|-------|--|
| IARC: | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen. |
| NTP:  | No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen.                |
| OSHA: | No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen.                |

**12 ECOLOGICAL INFORMATION****Toxicity**

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

|                                    |                          |
|------------------------------------|--------------------------|
| Persistence and degradability      | No information available |
| Bioaccumulative potential          | No information available |
| Results of PBT and vPvB assessment | No information available |
| Other adverse effects              | No information available |

**13 DISPOSAL CONSIDERATIONS****Waste treatment methods**

Appropriate method of disposal of substance or preparation: Disposal should be in accordance with applicable regional, national, and local laws and regulations. Refer to section 7: Handling and Storage and section 8: Exposure Control/Personal Protection for additional information.

**14 TRANSPORT INFORMATION****IATA / ADR / DOT-US / IMDG**

Not regulated in the meaning of transport regulations.

|           |                |
|-----------|----------------|
| UN number | Not Applicable |
|-----------|----------------|

UN proper shipping name Not Applicable

Transport hazard class(es) Not Applicable

Packing group number Not Applicable

**Environmental hazards**

Not Applicable

**Special precautions for user**

Not Applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not Applicable

**15 REGULATORY INFORMATION****US Federal Regulations**

SARA This product is not regulated by SARA

Clean Air Act, Section 112  
Hazardous Air Pollutants (HAPs)  
(see 40 CFR 61) This product does not contain HAPs

TSCA All ingredients are listed

**US State Regulations**

California Proposition 65 This product does not contain any Proposition 65 chemicals.

**WHMIS Hazard Class**

Non-controlled.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**16 OTHER INFORMATION**

The above information is believed to be correct based on our present knowledge and shall be used only as a guide. The information is applicable to the product regarding appropriate safety precautions. This information does not guarantee the properties of the product and



shall not establish a legally valid contractual relationship. Co-Diagnostics, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. See invoice or packing information for additional terms and conditions of sale.

**Abbreviations and acronyms**

|        |   |
|--------|---|
| RID    | Regulations Concerning the International Transport of Dangerous Goods by Rail       |
| ADR    | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG   | International Maritime Code for Dangerous Goods                                     |
| DOT    | US Department of Transportation   |
| IATA   | International Air Transport Association   |
| ACGIH  | American Conference of Governmental Industrial Hygienists                           |
| IARC   | International Agency for Research on Cancer   |
| NTP    | National Toxicology Program   |
| EINECS | European Inventory of Existing Commercial Chemical Substances                       |
| ELINCS | European List of Notified Chemical Substances                                       |
| CAS    | Chemical Abstracts Service (division of the American Chemical Society)              |
| NFPA   | National Fire Protection Association (USA)  |
| HMIS   | Hazardous Materials Identification System (USA)                                     |
| LC50   | Lethal concentration, 50 percent  |
| LD50   | Lethal dose, 50 percent   |
| PBT    | Persistent, Bioaccumulative and Toxic   |
| vPvB   | Very Persistent and very Bioaccumulative  |
| NIOSH  | National Institute for Occupational Safety  |
| OSHA   | Occupational Safety and Health Administration                                       |

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|      |  |
|------|--|
| TLV  | Threshold limit value                            |
| PEL  | Permissible exposure limit                       |
| REL  | Recommended exposure limit                       |
| TSCA | Toxic Substances Control Act                     |
| SARA | The Superfund Amendments and Reauthorization Act |