

**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™ 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.
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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
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 waste water 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 (HAPSs)  
(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 with regard to 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
TLV	Threshold limit value
PEL	Permissible exposure limit
REL	Recommended exposure limit
TSCA	Toxic Substances Control Act
SARA	The Superfund Amendments and Reauthorization Act