Immunology Consultants Laboratory, Inc.

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Safety Data Sheet

Product Identification

- Product: Rat Cystatin C ELISA Kit
  Components: Antibody Coated Microwells, Calibrator (sodium azide), Enzyme-Antibody Conjugate (thimerosal), 5X Diluent (Proclin 300), 20X Wash Solution (Proclin 300), Chromogen-Substrate Solution (3,3',5,5'-Tetramethylbenzidine(TMB), Stop Solution (sulfuric acid)
- Catalog No: E-25CYS
- CAS No: N/A
- Product Use: Product and all individual components are For Research Use Only, NOT for Diagnostic Use. For In Vitro Use Only. Not for Human or Animal Consumption.
- Company: Immunology Consultants Laboratory, Inc. 15862 SW 72nd Avenue, Suite 150, Portland, Oregon, USA., 503-747-2454
- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA.

1. Substance Identification

- Component: Stop Solution which contains 0.3M sulfuric acid.
- CAS No: 7664-93-9
- Product Use: For Research Use Only, NOT for Diagnostic Use. For In Vitro Use Only. Not for Human or Animal Consumption.
- Company: Immunology Consultants Laboratory, Inc. 15862 SW 72nd Avenue, Suite 150, Portland, Oregon, USA., 503-747-2454
- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA

2. Hazard Identification

- Hazard classification - Irritant
- Signal word - Warning
- GHS labelling -

- Hazard statements - May cause skin irritation. May cause serious eye irritation.
- Precautionary statements - Wear safety eyewear, lab coat, nitrile gloves at all times when handling. Practice good laboratory hygiene. Do not eat, do not drink, and do not use tobacco products while handling. Wash hands thoroughly after use.

3. Composition/Information on Ingredients

Kit Component	Ingredient	Concentration in mixture	CAS #	UN #
Stop Solution	Sulfuric Acid	0.3M	7664-93-9	2796

4. First Aid Measures

- Ingestion: wash mouth with water provided person is conscious. Call a physician or poison control.
- Inhalation Exposure: remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Skin Exposure: immediately flush with copious amounts of water and wash with soap and water. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.

- Eye Exposure: flush the eyes with copious amounts of water for at least 15 minutes. Remove contact lenses if present and flush for at least 15 minutes. Do not re-insert contact lenses. Assure adequate flushing by separating eyelids with fingers. Call a physician.
- Most Important symptoms, acute and delayed: skin or tissue irritation; burns may be possible if response delayed.

5. Fire Fighting measures

- Dry chemical, foam, carbon dioxide, or water fire extinguisher.
- Fire fighting media should be selected depending on the surrounding materials and equipment. Ambient fire may liberate hazardous vapors. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

6. Accidental Release Measures

- Ventilate area. Wear appropriate protective gear. Use paper towels or chemical wicks to wipe up and pick-up spilled materials. Dispose of waste in accordance with federal, state, and local regulations. Avoid putting any component into drain or sewer systems. Wash spill site thoroughly with soap and water after material pick up is complete.

7. Handling and Storage

- Should only be handled and used by qualified, trained professionals. Wear protective eyewear, clothing, gloves and other gear whenever handling.
- Store all components at 4°C unless indicated otherwise on the product data sheet.

8. Exposure Controls/Personal Protection

- OSHA Permissible Exposure Level (PEL) information not available at the supplied concentrations.
- Engineering Controls: Use with adequate ventilation and illumination. Check that functional eyewash stations and safety showers are close to the workstation location.
- Individual Protection Measures: Wear suitable protective clothing and appropriate footwear as protection against splashing or contamination. Wear approved safety eyewear and protective gloves. General good laboratory hygiene should be maintained at all times. Wash hands before work breaks and on finishing the work.

9. Physical and Chemical Properties

- Physical State and Appearance:
- Appearance: clear liquid solution
- Solubility: soluble in water except the antibody coated microwells
- Odor: None detectable
- Odor Threshold: No data at supplied concentration
- pH: pH ~0.9
- Flash point: No data at supplied concentration
- Melting point: No data at supplied concentration
- Boiling Point: No data at supplied concentration
- Boiling Range: No data at supplied concentration
- Evaporation rate: No data at supplied concentration
- Flammability: Not Flammable
- Upper/Lower Flammability: No data at supplied concentration
- Explosive Limits: No data at supplied concentration
- Vapor Pressure: No data at supplied concentration
- Vapor Density: No data at supplied concentration
- Relative Density: No data at supplied concentration
- Solubility: No data at supplied concentration
- Partition coefficient: n-octanol/water: No data at supplied concentration
- Auto-ignition temperature: No data at supplied concentration
- Decomposition Temperature: No data at supplied concentration
- Viscosity: No data at supplied concentration

10. Stability and Reactivity

- Reactivity: Do not add water as the resulting mixture may become exothermic. Avoid contact with metals as hydrogen gas may be produced.
- Chemical Stability: Stable until the product expiration date indicated on the product label under the recommended storage conditions.

- Hazardous Reactions: No data at supplied concentration
- Conditions to avoid: No data at supplied concentration
- Incompatible Materials: water, strong oxidizing agents, strong bases, metals
- Hazardous decomposition products: sulfur oxide and hydrogen gases may be released during a fire.

11. Toxicological Information

• Acute toxicity	-	No data at supplied concentration
• Skin corrosion / irritation	-	May cause irritation
• Serious eye damage / irritation	-	May cause irritation
• Respiratory or skin sensitization	-	No data at supplied concentration
• Germ cell mutagenicity	-	No data at supplied concentration
• Carcinogenicity	-	No data at supplied concentration
• Reproductive toxicity	-	No data at supplied concentration
• Specific target organ toxicity (single exposure)	-	No data at supplied concentration
• Specific target organ toxicity (repeated exposure)	-	No data at supplied concentration
• Aspiration hazard	-	No data at supplied concentration
• Symptoms / injuries after inhalation	-	May cause irritation
• Symptoms / injuries after skin contact	-	May cause irritation
• Symptoms / injuries after eye contact	-	May cause irritation
• Symptoms / injuries after ingestion	-	May cause irritation

12. Ecological Information

- No data at supplied concentration.
- Ecotoxicity: No data at supplied concentration
- Persistence and degradability: No data at supplied concentration
- Bioaccumulative potential: No data at supplied concentration
- Mobility in soil: No data at supplied concentration

13. Disposal Considerations

- Waste must be disposed according to federal, state, and local regulations.
- Contact a licensed professional waste disposal service to dispose of this material.
- Contaminated packaging should be disposed of in the same manner as unused product.

14. Transport Information

- No special transport regulations at the supplied concentration.
- UN number 2796
- Shipping Name is sulfuric acid
- Hazard class 8
- Packing group II

15. Regulatory Information

- No hazardous ingredient in an amount that requires identification and labeling in the supplied concentration.
- SARA 313: on the list
- CERCLA: not on the list
- California Proposition 65: on the list
- US State Right to Know: Massachusetts, New Jersey, Pennsylvania, Illinois, Rhode Island

16. Other Information

- Document Creation Date: April 3, 2015
- Document Revision Date: N/A

- The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. It is incumbent on the user to read and fully understand the document prior to using the product or any of its components. ICL, Inc. shall not be liable or responsible in any way for use of either this information or the product supplied. Final determination of suitability and safe use of these materials is the sole responsibility of the user. Although a level of information has been made available, it is not a guarantee that no other hazards exist or will not appear during the use of the product and its components. Disposal of waste may be subject to federal, state or local laws or regulations.

It is the responsibility of the user to dispose of the product and its components according to those regulations and laws.

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End of section

1. Substance Identification

- Component: Chromogen-Substrate Solution contains 3,3',5,5'-Tetramethylbenzidine(TMB).
- CAS No: 54827-17-7
- Product Use: For Research Use Only, NOT for Diagnostic Use. For In Vitro Use Only. Not for Human or Animal Consumption.
- Company: Immunology Consultants Laboratory, Inc. 15862 SW 72nd Avenue, Suite 150, Portland, Oregon, USA., 503-747-2454
- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA

2. Hazard Identification

- Hazard classification - Irritant
- Signal word - Warning
- GHS labelling -

- Hazard statements - May causes skin irritation. May causes eye irritation.
- Precautionary statements - Wear safety eyewear, lab coat, nitrile gloves at all times when handling. Practice good laboratory hygiene. Do not eat, do not drink, and do not use tobacco products while handling. Wash hands thoroughly after use.

3. Composition/Information on Ingredients

Kit Component	Ingredient	Concentration in mixture	CAS #	UN #
Chromogen-Substrate (TMB)	3,3',5,5'-Tetramethylbenzidine	≤0.05%	54827-17-7	Not Available

4. First Aid Measures

- Ingestion: wash mouth with water provided person is conscious. Call a physician or poison control.
- Inhalation Exposure: remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Skin Exposure: immediately flush with copious amounts of water and wash with soap and water. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.
- Eye Exposure: flush the eyes with copious amounts of water for at least 15 minutes. Remove contact lenses if present and flush for at least 15 minutes. Do not re-insert contact lenses. Assure adequate flushing by separating eyelids with fingers. Call a physician.
- Most Important symptoms, acute and delayed: skin or tissue irritation

5. Fire Fighting measures

- Dry chemical, foam, carbon dioxide, or water fire extinguisher.
- Fire fighting media should be selected depending on the surrounding materials and equipment. Ambient fire may liberate hazardous vapors. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

6. Accidental Release Measures

- Ventilate area. Wear appropriate protective gear. Use paper towels or chemical wicks to wipe up and pick-up spilled materials. Dispose of waste in accordance with federal, state, and local regulations. Avoid putting any component into drain or sewer systems. Wash spill site thoroughly with soap and water after material pick up is complete.

7. Handling and Storage

- Should only be handled and used by qualified, trained professionals. Wear protective eyewear, clothing, gloves and other gear whenever handlings.
- Store all components at 4°C unless indicated otherwise on the product data sheet.

8. Exposure Controls/Personal Protection

- OSHA Permissible Exposure Level (PEL) information not available at the supplied concentrations.
- Engineering Controls: Use with adequate ventilation and illumination. Check that functional eyewash stations and safety showers are close to the workstation location.
- Individual Protection Measures: Wear suitable protective clothing and appropriate footwear as protection against splashing or contamination. Wear approved safety eyewear and protective gloves. General good laboratory hygiene should be maintained at all times. Wash hands before work breaks and on finishing the work.

9. Physical and Chemical Properties

- Physical State and Appearance:
- Appearance: clear to pale yellow liquid solution
- Solubility: soluble in water
- Odor: No data available
- Odor Threshold: No data available
- pH: pH ~5 - 6
- Flash point: No data available
- Melting point: No data available
- Boiling Point: No data available
- Boiling Range: No data available
- Evaporation rate: No data available
- Flammability: Not Flammable
- Upper/Lower Flammability: No data available
- Explosive Limits: Not Explosive
- Vapor Pressure: No data available
- Vapor Density: No data available
- Relative Density: 1.01 (H_2O = 1.0)
- Solubility: 100% in water
- Partition coefficient: n-octanol/water: No data available
- Auto-ignition temperature: No data available
- Decomposition Temperature: No data available
- Viscosity: No data available

10. Stability and Reactivity

- Reactivity: None known under normal conditions of use
- Chemical Stability: stable until the expiration date indicated on the product label under the recommended storage conditions.
- Hazardous Reactions: None known under normal conditions of use
- Conditions to avoid: exposure to light, exposure to elevated temperatures, exposure to moisture
- Incompatible Materials: strong oxidizing agents, metals
- Hazardous decomposition products: under thermal conditions - carbon oxides, nitrogen oxides

11. Toxicological Information

- Acute toxicity - No data available
- Skin corrosion / irritation - No data available
- Serious eye damage / irritation - No data available
- Respiratory or skin sensitization - No data available
- Germ cell mutagenicity - No data available
- Carcinogenicity - No data available
- Reproductive toxicity - No data available
- Specific target organ toxicity (single exposure) - No data available
- Specific target organ toxicity (repeated exposure) - No data available
- Aspiration hazard - No data available

- Symptoms / injuries after inhalation - May cause irritation
- Symptoms / injuries after skin contact - May cause irritation
- Symptoms / injuries after eye contact - May cause irritation
- Symptoms / injuries after ingestion - May cause irritation

12. Ecological Information

- Toxicity: No data available.
- Ecotoxicity: No data available
- Persistence and degradability: No data available
- Bioaccumulative potential: No data available
- Mobility in soil: No data available

13. Disposal Considerations

- Waste must be disposed according to federal, state, and local regulations.
- Contact a licensed professional waste disposal service to dispose of this material.
- Contaminated packaging should be disposed of in the same manner as unused product.

14. Transport Information

- No special transport regulations at the supplied concentration.

15. Regulatory Information

- No hazardous ingredient in an amount that requires identification and labeling in the supplied concentration.

16. Other Information

- Document Creation Date: April 3, 2015
- Document Revision Date: N/A

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End of section

1. Substance Identification

- Components: the 5X Diluent Buffer and the 20X Wash Solution contains Proclin 300.
- CAS No: 55965-84-9
- Product Use: For Research Use Only, NOT for Diagnostic Use. For In Vitro Use Only. Not for Human or Animal Consumption.
- Company: Immunology Consultants Laboratory, Inc. 15862 SW 72nd Avenue, Suite 150, Portland, Oregon, USA., 503-747-2454
- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA

2. Hazard Identification

- Hazard classification - Irritant
- Signal word - Warning
- GHS labelling -

- Hazard statements - May causes skin irritation.
- Precautionary statements - Wear safety eyewear, lab coat, nitrile gloves at all times when handling. Practice good laboratory hygiene. Do not eat, do not drink, and do not use tobacco products while handling. Wash hands thoroughly after use.

3. Composition/Information on Ingredients

Kit Component	Ingredient	Concentration in mixture	CAS #	UN #
5X Diluent	Proclin 300	0.25%	55965-84-9	3265
20X Wash Buffer	Proclin 300	0.05%	55965-84-9	3265

4. First Aid Measures

- Ingestion: wash mouth with water provided person is conscious. Call a physician or poison control.
- Inhalation Exposure: remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Skin Exposure: immediately flush with copious amounts of water and wash with soap and water. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.
- Eye Exposure: flush the eyes with copious amounts of water for at least 15 minutes. Remove contact lenses if present and flush for at least 15 minutes. Do not re-insert contact lenses. Assure adequate flushing by separating eyelids with fingers. Call a physician.
- Most Important symptoms, acute and delayed: skin or tissue irritation; burns may be possible if response delayed.

5. Fire Fighting measures

- Dry chemical, foam, carbon dioxide, or water fire extinguisher.
- Fire fighting media should be selected depending on the surrounding materials and equipment. Ambient fire may liberate hazardous vapors. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

6. Accidental Release Measures

- Ventilate area. Wear appropriate protective gear. Use paper towels or chemical wicks to wipe up and pick-up spilled materials. Dispose of waste in accordance with federal, state, and local regulations. Avoid putting any component into drain or sewer systems. Wash spill site thoroughly with soap and water after material pick up is complete.

7. Handling and Storage

- Should only be handled and used by qualified, trained professionals. Wear protective eyewear, clothing, gloves and other gear whenever handling.
- Store at 4°C unless indicated otherwise on the product data sheet.

8. Exposure Controls/Personal Protection

- OSHA Permissible Exposure Level (PEL) information not available at the supplied concentrations.
- Engineering Controls: Use with adequate ventilation and illumination. Check that functional eyewash stations and safety showers are close to the workstation location.
- Individual Protection Measures: Wear suitable protective clothing and appropriate footwear as protection against splashing or contamination. Wear approved safety eyewear and protective gloves. General good laboratory hygiene should be maintained at all times. Wash hands before work breaks and on finishing the work.

9. Physical and Chemical Properties

- Physical State and Appearance:
- Appearance: clear liquid solution
- Solubility: soluble in water
- Odor: No data available
- Odor Threshold: No data available
- pH: No data at supplied concentration
- Flash point: No data at supplied concentration

- Melting point: No data at supplied concentration
- Boiling Point: No data at supplied concentration
- Boiling Range: No data available at supplied concentration
- Evaporation rate: No data at supplied concentration
- Flammability: No data at supplied concentration
- Upper/Lower Flammability: No data at supplied concentration
- Explosive Limits: No data at supplied concentration
- Vapor Pressure: No data at supplied concentration
- Vapor Density: No data at supplied concentration
- Relative Density: No data at supplied concentration
- Solubility: No data at supplied concentration
- Partition coefficient: n-octanol/water: No data at supplied concentration
- Auto-ignition temperature: No data at supplied concentration
- Decomposition Temperature: No data at supplied concentration
- Viscosity: No data at supplied concentration

10. Stability and Reactivity

- Reactivity: No data at supplied concentration
- Chemical Stability: stable until the expiration date indicated on the product label under the recommended storage conditions.
- Hazardous Reactions: No data at supplied concentration
- Conditions to avoid: No data at supplied concentration
- Incompatible Materials: No data at supplied concentration
- Hazardous decomposition products: No data at supplied concentration

11. Toxicological Information

- Acute toxicity - No data at supplied concentration
- Skin corrosion / irritation - May cause irritation
- Serious eye damage / irritation - No data at supplied concentration
- Respiratory or skin sensitization - No data at supplied concentration
- Germ cell mutagenicity - No data at supplied concentration
- Carcinogenicity - No data at supplied concentration
- Reproductive toxicity - No data at supplied concentration
- Specific target organ toxicity (single exposure) - No data at supplied concentration
- Specific target organ toxicity (repeated exposure) - No data at supplied concentration
- Aspiration hazard - No data at supplied concentration
- Symptoms / injuries after inhalation - May cause irritation
- Symptoms / injuries after skin contact - May cause irritation
- Symptoms / injuries after eye contact - May cause irritation
- Symptoms / injuries after ingestion - May cause irritation

12. Ecological Information

- Toxicity: No data available at the mixtures' concentrations.
- Ecotoxicity: No data available at supplied concentration
- Persistence and degradability: No data available at supplied concentration
- Bioaccumulative potential: No data available at supplied concentration
- Mobility in soil: No data available at supplied concentration

13. Disposal Considerations

- Waste must be disposed according to federal, state, and local regulations.
- Contact a licensed professional waste disposal service to dispose of this material.
- Contaminated packaging should be disposed of in the same manner as unused product.

14. Transport Information

- No special transport regulations at the supplied concentration.

15. Regulatory Information

- No hazardous ingredient in an amount that requires identification and labeling in the supplied concentration.

16. Other Information

- Document Creation Date: April 3, 2015
- Document Revision Date: N/A

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End of section

1. Substance Identification

- Component: Enzyme-antibody conjugate contains thimerosal.
- CAS No: 54-64-8
- Product Use: For Research Use Only, NOT for Diagnostic Use. For In Vitro Use Only. Not for Human or Animal Consumption.
- Company: Immunology Consultants Laboratory, Inc. 15862 SW 72nd Avenue, Suite 150, Portland, Oregon, USA., 503-747-2454
- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA

2. Hazard Identification

- Hazard classification - Not dangerous at supplied concentration

3. Composition/Information on Ingredients

Kit Component	Ingredient	Concentration in mixture	CAS #	UN #
Enzyme-Antibody Conjugate	Thimerosal	<0.004%	54-64-8	2025

4. First Aid Measures

- Ingestion: wash mouth with water provided person is conscious. Call a physician or poison control.
- Inhalation Exposure: remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Skin Exposure: immediately flush with copious amounts of water and wash with soap and water. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.
- Eye Exposure: flush the eyes with copious amounts of water for at least 15 minutes. Remove contact lenses if present and flush for at least 15 minutes. Do not re-insert contact lenses. Assure adequate flushing by separating eyelids with fingers. Call a physician.
- Most Important symptoms, acute and delayed: skin or tissue irritation; burns may be possible if response delayed.

5. Fire Fighting measures

- Dry chemical, foam, carbon dioxide, or water fire extinguisher.
- Fire fighting media should be selected depending on the surrounding materials and equipment. Ambient fire may liberate hazardous vapors. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

6. Accidental Release Measures

- Ventilate area. Wear appropriate protective gear. Use paper towels or chemical wicks to wipe up and pick-up spilled materials. Dispose of waste in accordance with federal, state, and local regulations. Avoid putting any component into drain or sewer systems. Wash spill site thoroughly with soap and water after material pick up is complete.

7. Handling and Storage

- Should only be handled and used by qualified, trained professionals. Wear protective eyewear, clothing, gloves and other gear whenever handling any of the product components.
- Store at 4°C unless indicated otherwise on the product data sheet.

8. Exposure Controls/Personal Protection

- OSHA Permissible Exposure Level (PEL) information not available at the supplied concentrations.
- Engineering Controls: Use with adequate ventilation and illumination. Check that functional eyewash stations and safety showers are close to the workstation location.
- Individual Protection Measures: Wear suitable protective clothing and appropriate footwear as protection against splashing or contamination. Wear approved safety eyewear and protective gloves. General good laboratory hygiene should be maintained at all times. Wash hands before work breaks and on finishing the work.

9. Physical and Chemical Properties

- Physical State and Appearance:
- Appearance: light brown color
- Solubility: No data at supplied concentration
- Odor: No data at supplied concentration
- Odor Threshold: No data at supplied concentration
- pH: No data at supplied concentration
- Flash point: No data at supplied concentration
- Melting point: No data at supplied concentration
- Boiling Point: No data at supplied concentration
- Boiling Range: No data at supplied concentration
- Evaporation rate: No data at supplied concentration
- Flammability: No data at supplied concentration
- Upper/Lower Flammability: No data at supplied concentration
- Explosive Limits: No data at supplied concentration
- Vapor Pressure: No data at supplied concentration
- Vapor Density: No data at supplied concentration
- Relative Density: No data at supplied concentration
- Solubility: No data at supplied concentration
- Partition coefficient: n-octanol/water: No data at supplied concentration
- Auto-ignition temperature: No data at supplied concentration
- Decomposition Temperature: No data at supplied concentration
- Viscosity: No data at supplied concentration

10. Stability and Reactivity

- Reactivity: No data at supplied concentration
- Chemical Stability: stable until the expiration date indicated on the product label under the recommended storage conditions.
- Hazardous Reactions: No data at supplied concentration
- Conditions to avoid: No data at supplied concentration
- Incompatible Materials: No data at supplied concentration
- Hazardous decomposition products: No data at supplied concentration

11. Toxicological Information

- Acute toxicity - No data at supplied concentration
- Skin corrosion / irritation - No data at supplied concentration
- Serious eye damage / irritation - No data at supplied concentration
- Respiratory or skin sensitization - No data at supplied concentration
- Germ cell mutagenicity - No data at supplied concentration

- Carcinogenicity - No data at supplied concentration
- Reproductive toxicity - No data at supplied concentration
- Specific target organ toxicity (single exposure) - No data at supplied concentration
- Specific target organ toxicity (repeated exposure) - No data at supplied concentration
- Aspiration hazard - No data at supplied concentration
- Symptoms / injuries after inhalation - No data at supplied concentration
- Symptoms / injuries after skin contact - No data at supplied concentration
- Symptoms / injuries after eye contact - No data at supplied concentration
- Symptoms / injuries after ingestion - No data at supplied concentration

12. Ecological Information

- Toxicity: No data at supplied concentration
- Ecotoxicity: No data at supplied concentration
- Persistence and degradability: No data at supplied concentration
- Bioaccumulative potential: No data at supplied concentration
- Mobility in soil: No data at supplied concentration

13. Disposal Considerations

- Waste must be disposed according to federal, state, and local regulations.
- Contact a licensed professional waste disposal service to dispose of this material.
- Contaminated packaging should be disposed of in the same manner as unused product.

14. Transport Information

- No special transport regulations at the supplied concentration.

15. Regulatory Information

- No hazardous ingredient in an amount that requires identification and labeling in the supplied concentration.

16. Other Information

- Document Creation Date: April 3, 2015
- Document Revision Date: N/A

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End of section

1. Substance Identification

- Component: Calibrator contains sodium azide.
- CAS No: 26628-22-8
- Product Use: For Research Use Only, NOT for Diagnostic Use. For In Vitro Use Only. Not for Human or Animal Consumption.
- Company: Immunology Consultants Laboratory, Inc. 15862 SW 72nd Avenue, Suite 150, Portland, Oregon, USA., 503-747-2454
- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA

2. Hazard Identification

- Hazard classification - Not dangerous at supplied concentration

3. Composition/Information on Ingredients

Kit Component	Ingredient	Concentration in mixture	CAS #	UN #
Calibrator	Sodium Azide	≤0.025%	26628-22-8	1687

4. First Aid Measures

- Ingestion: wash mouth with water provided person is conscious. Call a physician or poison control.
- Inhalation Exposure: remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Skin Exposure: immediately flush with copious amounts of water and wash with soap and water. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.
- Eye Exposure: flush the eyes with copious amounts of water for at least 15 minutes. Remove contact lenses if present and flush for at least 15 minutes. Do not re-insert contact lenses. Assure adequate flushing by separating eyelids with fingers. Call a physician.
- Most Important symptoms, acute and delayed: No data at supplied concentration.

5. Fire Fighting measures

- Dry chemical, foam, carbon dioxide, or water fire extinguisher.
- Fire fighting media should be selected depending on the surrounding materials and equipment. Ambient fire may liberate hazardous vapors. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

6. Accidental Release Measures

- Ventilate area. Wear appropriate protective gear. Use paper towels or chemical wicks to wipe up and pick-up spilled materials. Dispose of waste in accordance with federal, state, and local regulations. Avoid putting any component into drain or sewer systems. Wash spill site thoroughly with soap and water after material pick up is complete.

7. Handling and Storage

- Should only be handled and used by qualified, trained professionals. Wear protective eyewear, clothing, gloves and other gear whenever handling.
- Store at 4°C unless indicated otherwise on the product data sheet.

8. Exposure Controls/Personal Protection

- OSHA Permissible Exposure Level (PEL) information not available at the supplied concentrations.
- Engineering Controls: Use with adequate ventilation and illumination. Check that functional eyewash stations and safety showers are close to the workstation location.
- Individual Protection Measures: Wear suitable protective clothing and appropriate footwear as protection against splashing or contamination. Wear approved safety eyewear and protective gloves. General good laboratory hygiene should be maintained at all times. Wash hands before work breaks and on finishing the work.

9. Physical and Chemical Properties

- Physical State and Appearance:
- Appearance: clear liquid
- Solubility: No data at supplied concentration
- Odor: No data at supplied concentration
- Odor Threshold: No data at supplied concentration
- pH: No data at supplied concentration
- Flash point: No data at supplied concentration
- Melting point: No data at supplied concentration
- Boiling Point: No data at supplied concentration
- Boiling Range: No data at supplied concentration
- Evaporation rate: No data at supplied concentration

- Flammability: No data at supplied concentration
- Upper/Lower Flammability: No data at supplied concentration
- Explosive Limits: No data at supplied concentration
- Vapor Pressure: No data at supplied concentration
- Vapor Density: No data at supplied concentration
- Relative Density: No data at supplied concentration
- Solubility: No data at supplied concentration
- Partition coefficient: n-octanol/water: No data at supplied concentration
- Auto-ignition temperature: No data at supplied concentration
- Decomposition Temperature: No data at supplied concentration
- Viscosity: No data at supplied concentration

10. Stability and Reactivity

- Reactivity: No data at supplied concentration
- Chemical Stability: stable until the expiration date indicated on the product label under the recommended storage conditions.
- Hazardous Reactions: No data at supplied concentration
- Conditions to avoid: No data at supplied concentration
- Incompatible Materials: No data at supplied concentration
- Hazardous decomposition products: No data at supplied concentration

11. Toxicological Information

- Acute toxicity - No data at supplied concentration
- Skin corrosion / irritation - No data at supplied concentration
- Serious eye damage / irritation - No data at supplied concentration
- Respiratory or skin sensitization - No data at supplied concentration
- Germ cell mutagenicity - No data at supplied concentration
- Carcinogenicity - No data at supplied concentration
- Reproductive toxicity - No data at supplied concentration
- Specific target organ toxicity (single exposure) - No data at supplied concentration
- Specific target organ toxicity (repeated exposure) - No data at supplied concentration
- Aspiration hazard - No data at supplied concentration
- Symptoms / injuries after inhalation - No data at supplied concentration
- Symptoms / injuries after skin contact - No data at supplied concentration
- Symptoms / injuries after eye contact - No data at supplied concentration
- Symptoms / injuries after ingestion - No data at supplied concentration

12. Ecological Information

- Toxicity: No data at supplied concentration
- Ecotoxicity: No data at supplied concentration
- Persistence and degradability: No data at supplied concentration
- Bioaccumulative potential: No data at supplied concentration
- Mobility in soil: No data at supplied concentration

13. Disposal Considerations

- Waste must be disposed according to federal, state, and local regulations.
- Contact a licensed professional waste disposal service to dispose of this material.
- Contaminated packaging should be disposed of in the same manner as unused product.

14. Transport Information

- No special transport regulations at the supplied concentration.

15. Regulatory Information

- No hazardous ingredient in an amount that requires identification and labeling in the supplied concentration.

16. Other Information

- Document Creation Date: April 3, 2015
- Document Revision Date: N/A

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End of SDS