

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION

**1.1 Product Name:** IMUCLONE® Rat PAI-1 ELISA

**1.2 Product REF:** 601

**1.3 Configuration:** ELISA, 96 well

**1.4 Use of Product:** For Research Use Only.

**1.5 Company**      **Manufacturer:** Sekisui Diagnostics, LLC  
500 West Avenue  
Stamford, CT 06902 USA  
Tel: (203) 602 7777  
Fax: (203) 602 2221  
Email: [linus@amdiag.com](mailto:linus@amdiag.com)

**Distributor EU:** American Diagnostica GmbH  
Kaplangeisse 35  
Pfungstadt 64319 Germany  
Tel: +49 6157 990899  
Fax: +49 6157 990808  
Email: [info@amdiag.de](mailto:info@amdiag.de)

### 2. HAZARDS IDENTIFICATION

**2.1 Classification:** N, Danger, due to Sulfuric Acid

#### 2.2 Potential Health and Environmental Effects

Skin Exposure: May cause severe skin damage.

Eye Exposure: May cause severe eye damage.

Inhalation Exposure: May be harmful.

Ingestion: May be harmful.

Environmental Exposure: Sulfuric Acid is toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Reagent/Component          | Chemical Name                                                                   | CAS Number                               | EINECS No.                                | Concentration, w/v, %                    |
|----------------------------|---------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------|------------------------------------------|
| Antibody Coated Microwells | Monoclonal Anti-Rat PAI-1 IgG<br>SiO <sub>2</sub> (silica gel desiccant packet) | NA<br>112926-00-8                        | NA<br>231-545-4                           | NA<br>NA                                 |
| Rat PAI-1 Standard         | Rat PAI-1<br>Arginine<br>Sodium Phosphate Dihydrate<br>Bovine Serum Albumin     | NA<br>74-79-3<br>13472-35-0<br>9048-46-8 | NA<br>200-811-1<br>231-449-2<br>232-936-2 | < 10.0%<br>< 30.0%<br>< 50.0%<br>< 75.0% |
| Rat PAI-1 Control I        | Rat PAI-1<br>Arginine<br>Sodium Phosphate Dihydrate<br>Bovine Serum Albumin     | NA<br>74-79-3<br>13472-35-0<br>9048-46-8 | NA<br>200-811-1<br>231-449-2<br>232-936-2 | < 10.0%<br>< 30.0%<br>< 50.0%<br>< 75.0% |
| Rat PAI-1 Control II       | Rat PAI-1<br>Arginine<br>Sodium Phosphate Dihydrate<br>Bovine Serum Albumin     | 74-79-3<br>13472-35-0<br>9048-46-8       | 200-811-1<br>231-449-2<br>232-936-2       | < 10.0%<br>< 30.0%<br>< 50.0%<br>< 75.0% |

|                                       |                                        |            |           |         |
|---------------------------------------|----------------------------------------|------------|-----------|---------|
| Sample Diluent F                      | Sodium Phosphate Dihydrate             | 13472-35-0 | 231-449-2 | < 50.0% |
|                                       | Sodium Chloride                        | 7647-14-5  | 231-598-3 | < 50.0% |
|                                       | Tween 20                               | 9005-64-5  | NA        | < 20.0% |
|                                       | Bovine Serum Albumin                   | 9048-46-8  | 232-936-2 | < 50.0% |
|                                       | Disodium EDTA Dihydrate                | 6381-92-6  | 205-358-3 | < 20.0% |
|                                       | Sodium 4-aminobenzoate (PABA)          | 555-06-6   | 209-080-3 | < 20.0% |
|                                       | Kathon CG                              | 26172-55-4 | NA        | < 20.0% |
|                                       | Ciprofloxacin                          | 2682-20-4  | NA        | < 20.0% |
| Anti-Rat PAI-1 HRP<br>Immunoconjugate | Ciprofloxacin                          | 85721-33-1 | NA        | < 10.0% |
|                                       | Monoclonal Anti-Rat PAI-1 IgG          | NA         | NA        | < 10.0% |
|                                       | Sodium Phosphate Dihydrate             | 13472-35-0 | 231-449-2 | < 50.0% |
|                                       | Bovine Serum Albumin                   | 9048-46-8  | 232-936-2 | < 75.0% |
| Conjugate Diluent                     | Peroxidase Type XII (from horseradish) | 9003-99-0  | 232-668-6 | < 10.0% |
|                                       | Sodium Phosphate Dihydrate             | 13472-35-0 | 231-449-2 | < 50.0% |
|                                       | Sodium Chloride                        | 7647-14-5  | 231-598-3 | < 50.0% |
|                                       | Tween 20                               | 9005-64-5  | NA        | < 20.0% |
|                                       | Bovine Serum Albumin                   | 9048-46-8  | 232-936-2 | < 50.0% |
|                                       | Kathon CG                              | 26172-55-4 | NA        | < 20.0% |
| Wash Solution                         | Ciprofloxacin                          | 2682-20-4  | NA        | < 20.0% |
|                                       | Sodium Phosphate Dihydrate             | 13472-35-0 | 231-449-2 | < 30.0% |
|                                       | Sodium Chloride                        | 7647-14-5  | 231-598-3 | < 75.0% |
|                                       | Tween 20                               | 9005-64-5  | NA        | < 20.0% |
|                                       | Kathon CG                              | 26172-55-4 | NA        | < 20.0% |
|                                       | Ciprofloxacin                          | 2682-20-4  | NA        | < 20.0% |
| Substrate                             | TMB (3,3',5,5'-tetramethylbenzidine)   | 54827-17-7 | 259-364-6 | < 10.0% |
| Stop Solution                         | Sulfuric Acid                          | 7664-93-9  | 231-639-5 | 4.4%    |

NA – Not Available

#### 4. FIRST AID MEASURES

|                      |                                                                                                                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin Exposure:       | In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if adverse symptoms appear.                                         |
| Eye Exposure:        | In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek medical attention if adverse symptoms appear. |
| Inhalation Exposure: | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen and seek medical attention.                                                       |
| Ingestion:           | If swallowed, wash out mouth with water provided person is conscious. Seek immediate medical attention.                                                                                                        |

#### 5. FIRE FIGHTING MEASURES

|                               |                                                                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flammability:                 | Solutions are non-flammable. Boxes, instruction papers and powdered reagents are flammable.                                                                         |
| Suitable Extinguishing Media: | Use extinguishing media appropriate to the surrounding fire conditions, such as carbon dioxide, dry chemical powder, foam or water spray.                           |
| Equipment for fire fighting:  | Wear self-contained breathing apparatus and protective clothing appropriate for fighting a fire involving chemical materials to prevent contact with skin and eyes. |

## 6. ACCIDENTAL RELEASE MEASURES

|                            |                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions:      | Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. In case of skin contact, flush with copious amounts of water and remove contaminated clothing. |
| Environmental Precautions: | Do not let the product enter the drainage system.                                                                                                                              |
| Methods For Cleaning Up:   | Sweep up dry product, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.                    |

## 7. HANDLING AND STORAGE

### 7.1 Handling

|                     |                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling Procedure: | Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Provide adequate ventilation in all work areas.                                                                                                                                                |
| Safety:             | This product contains animal source material. As no known test method can provide complete assurance that products derived from animal specimens will not transmit blood-borne pathogens, this reagent should be handled as recommended for any potentially infectious human specimen. |
| Hygienic Practice:  | Wash hands with soap and water following use.                                                                                                                                                                                                                                          |

### 7.2 Storage

|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| Container:               | Keep container tightly closed and labeled with the name of the product. |
| Recommended Temperature: | 2°-8°C.                                                                 |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure Limit Values

|           |                                                |
|-----------|------------------------------------------------|
| TLV/TWA:  | 0.2 mg/m <sup>3</sup> for Sulfuric Acid        |
| OELV/TWA: | 1 mg/m <sup>3</sup> for Sulfuric Acid per OSHA |

### 8.2 Personal Protection

|                            |                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory Protection:    | Respirator protection is not required. Where protection is desired, use type N95 (US) or type P1 (EN 143) dust masks or. For higher level protection, use NIOSH (USA) or CEN (EU) approved respirators and filters. |
| Eye Protection:            | Chemical safety goggles.                                                                                                                                                                                            |
| Hand Protection:           | Compatible chemical resistant gloves. Use proper glove removal technique to avoid skin contact. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.          |
| Skin Protection:           | Compatible chemical resistant gloves and other protective clothing as required to prevent skin contact.                                                                                                             |
| General Hygiene Practices: | Wash promptly if skin comes into contact with product. Wash thoroughly after handling. Remove any clothing that comes into contact with the product. Do not smoke or eat in the work environment.                   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| Property              | Anti-Rat PAI-1 Coated Microwells | Rat PAI-1 Calibrator  | Rat PAI-1 Control I   | Rat PAI-1 Control II  | Sample Diluent F        | Immuno conjugate | Conjugate Diluent       | Wash Solution           | Substrate                  | Stop Solution           |
|-----------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------|-------------------------|-------------------------|----------------------------|-------------------------|
| Appearance            | N/A                              | straw-colored, powder | straw-colored, powder | straw-colored, powder | clear, colorless liquid | white powder     | clear, colorless liquid | clear, colorless liquid | clear, blue colored liquid | clear, colorless liquid |
| Odor                  | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| pH                    | N/A                              | N/A                   | N/A                   | N/A                   | NA                      | N/A              | NA                      | N/A                     | N/A                        | N/A                     |
| Freezing Point        | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Vapor Pressure        | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Specific Gravity      | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Solubility            | N/A                              | water soluble         | water soluble         | water soluble         | water soluble           | water soluble    | water soluble           | water soluble           | water soluble              | water soluble           |
| Evaporation Rate      | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Viscosity             | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Surface Tension       | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Boiling Point         | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Melting Point         | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Flash Point           | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Lower Explosive Limit | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Upper Explosive Limit | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Flammability          | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |
| Autoignition Temp.    | N/A                              | N/A                   | N/A                   | N/A                   | N/A                     | N/A              | N/A                     | N/A                     | N/A                        | N/A                     |

NA = not available

## 10. STABILITY AND REACTIVITY

- 10.1 Stability:** The product is stable until the expiration date stated on its label when properly stored at 2°-8°C.
- 10.2 Conditions To Avoid:** Keep away from heat.
- 10.3 Materials To Avoid:** Strong acids, strong reducing agents, strong oxidizing reagents.
- 10.4 Hazardous Decomposition Products:** Hazardous decomposition products due to combustion may include carbon monoxide, carbon dioxide, sulfur oxides, and nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Acute Toxicity

| Reagent/<br>Component                        | Chemical Name                                                                                                                                                                   | Oral LD <sub>50</sub>                                                                                                                                                     | Inhalation LC <sub>50</sub>                                                                                                                                                      | Dermal LD <sub>50</sub>                                                                                                                                 |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antibody Coated<br>Microwells                | Monoclonal Anti-Human D-dimer IgG<br>SiO <sub>2</sub> (silica gel desiccant packet)                                                                                             | No Data Available<br>No Data Available                                                                                                                                    | No Data Available<br>No Data Available                                                                                                                                           | No Data Available<br>No Data Available                                                                                                                  |
| Rat PAI-1<br>Standard                        | Rat PAI-1<br>Arginine<br>Sodium Phosphate Dihydrate<br>Bovine Serum Albumin                                                                                                     | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                                          | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                                                 | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                        |
| Rat PAI-1 Control<br>I                       | Rat PAI-1<br>Arginine<br>Sodium Phosphate Dihydrate<br>Bovine Serum Albumin                                                                                                     | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                                          | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                                                 | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                        |
| Rat PAI-1 Control<br>II                      | Rat PAI-1<br>Arginine<br>Sodium Phosphate Dihydrate<br>Bovine Serum Albumin                                                                                                     | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                                          | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                                                 | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                        |
| Sample Diluent F                             | Sodium Phosphate Dihydrate<br>Sodium Chloride<br>Tween 20<br>Bovine Serum Albumin<br>Disodium EDTA Dihydrate<br>Sodium 4-aminobenzoate (PABA)<br>Kathon CG<br><br>Ciprofloxacin | No Data Available<br>No Data Available<br>rat, 40,554 mg/kg<br>No Data Available<br>rat, > 2,000 mg/kg<br>No Data Available<br>rat, 3,350 mg/kg<br><br>rat, > 2,000 mg/kg | No Data Available<br>rat, 1 hr >42,000 mg/m <sup>3</sup><br>No Data Available<br>No Data Available<br>No Data Available<br>No Data Available<br>rat, 4 hr, 330 mg/m <sup>3</sup> | No Data Available<br>rabbit, >10,000 mg/kg<br>No Data Available<br>No Data Available<br>No Data Available<br>No Data Available<br>rabbit, > 5,000 mg/kg |
| Anti-Human<br>D-dimer HRP<br>Immunoconjugate | Monoclonal Anti-Human D-dimer IgG<br>Sodium Phosphate Dihydrate<br>Bovine Serum Albumin<br>Peroxidase Type XII (from<br>horseradish)                                            | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                                          | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                                                 | No Data Available<br>No Data Available<br>No Data Available<br>No Data Available                                                                        |
| Conjugate Diluent                            | Sodium Phosphate Dihydrate<br>Sodium Chloride<br>Tween 20<br>Bovine Serum Albumin<br>Kathon CG                                                                                  | No Data Available<br>No Data Available<br>rat, 40,554 mg/kg<br>No Data Available<br>rat, 3,350 mg/kg                                                                      | No Data Available<br>rat, 1 hr >42,000 mg/m <sup>3</sup><br>No Data Available<br>No Data Available<br>rat, 4 hr, 330 mg/m <sup>3</sup>                                           | No Data Available<br>rabbit, >10,000 mg/kg<br>No Data Available<br>No Data Available<br>rabbit, > 5,000 mg/kg                                           |
| Wash Solution                                | Sodium Phosphate Dihydrate<br>Sodium Chloride<br>Tween 20<br>Kathon CG<br><br>Ciprofloxacin                                                                                     | No Data Available<br>No Data Available<br>rat, 40,554 mg/kg<br>rat, 3,350 mg/kg<br><br>rat, > 2,000 mg/kg                                                                 | No Data Available<br>rat, 1 hr >42,000 mg/m <sup>3</sup><br>No Data Available<br>rat, 4 hr, 330 mg/m <sup>3</sup><br><br>No Data Available                                       | No Data Available<br>rabbit, >10,000 mg/kg<br>No Data Available<br>rabbit, > 5,000 mg/kg<br><br>No Data Available                                       |
| Substrate                                    | TMB (3,3',5,5'-tetramethylbenzidine)                                                                                                                                            | No Data Available                                                                                                                                                         | No Data Available                                                                                                                                                                | No Data Available                                                                                                                                       |
| Stop Solution                                | Sulfuric Acid                                                                                                                                                                   | rat, 2,140 mg/kg                                                                                                                                                          | rat, 2 hr, 510 mg/m <sup>3</sup>                                                                                                                                                 | No Data Available                                                                                                                                       |

## 11.2 Irritation

|             |                                                                                                                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin:       | Corrosive and destructive to tissue in rabbit (due to Sulfuric Acid).<br>Corrosive and destructive to tissue in rabbit (due to Kathon CG).<br>Mild skin irritation in human in 3 days (due to Tween 20) |
| Eye:        | Severe eye irritation in rabbit (due to Sulfuric Acid).<br>Severe corneal damage in rabbit (due to Kathon CG).                                                                                          |
| Inhalation: | No Data Available                                                                                                                                                                                       |

## 11.3 Sensitization

|             |                               |
|-------------|-------------------------------|
| Skin:       | May cause skin sensitization. |
| Inhalation: | No Data Available.            |

## 11.4 Carcinogenicity

The International Agency for Research on Cancer (IARC) has determined that occupational exposure to strong inorganic acid mists containing sulfuric acid is carcinogenic to humans (group 1).

## 11.5 Mutagenicity

Ciprofloxacin has shown germ cell mutagenicity in the following experimental situations

Genotoxicity in vitro - Human - lymphocyte  
DNA damage

Genotoxicity in vitro - Human - lymphocyte  
Unscheduled DNA synthesis

Genotoxicity in vitro - Hamster - Lungs  
Micronucleus test

Genotoxicity in vitro - Hamster - Lungs  
Cytogenetic analysis

Genotoxicity in vivo - mouse - Intraperitoneal  
Cytogenetic analysis

Genotoxicity in vivo - mouse - Intraperitoneal  
Sister chromatid exchange

## 11.6 Teratogenicity

No data available

For the other components of this product, the health effects noted above are based on the extrapolation of data on the pure product ingredients. To the best of our knowledge, no health effects have been identified for the product mixture under normal conditions of use, although the health effects of the product have not been thoroughly investigated.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity:

Use in accordance with good laboratory practices. Do not waste into the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

|                                       |                                                            |
|---------------------------------------|------------------------------------------------------------|
| Toxicity to fish (Tween 20)           | LC50, other fish – 350 mg/L, 24 hours                      |
| Toxicity to fish (Sulfuric Acid)      | LC50, Gambusia affinis (Mosquito fish) – 42 mg/L, 96 hours |
| Toxicity to fish (Kathon CG)          | No Data Available                                          |
| Toxicity to fish (Disodium EDTA)      | LC50, Leuciscus idus (Golden orfe) - > 500 mg/L, 96 hours  |
| Toxicity to daphnia (Sodium Chloride) | NOEC, Daphnia – 1,500 mg/L, 7 days                         |
| Toxicity to daphnia (Sodium Chloride) | EC50, Daphnia magna (water flea) – 1,661 mg/L, 48 hours    |
| Toxicity to daphnia (Disodium EDTA)   | EC50, Daphnia - > 100 mg/L, 24 hours                       |
| Toxicity to Algae                     | EC50, Algae – 10-100 mg/mL, 72 hours                       |

**12.2 Mobility:** No Data Available

**12.3 Persistence and degradability:** No Data Available

**12.4 Bioaccumulative potential:** No Data Available

**12.5 PBT assessment:** No Data Available

**12.6 Other adverse effects:** Disodium EDTA - Chemical Oxygen Demand (COD) – 590 mg/g

## 13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Disposal should be made in accordance with existing disposal practices employed for infectious waste at your institution. Observe all federal, state and local environmental regulations and laws.

## 14. TRANSPORT INFORMATION

|           |                           |               |
|-----------|---------------------------|---------------|
| DOT (US): | Proper Name For Shipping: | Sulfuric Acid |
|           | UN Number:                | 1830          |
|           | Hazard Class:             | 8             |
|           | Reportable Quantity:      | 1000 lbs.     |
|           | Packing Group:            | II            |
|           | Marine Pollutant:         | No            |
| IATA:     | Poison Inhalation Hazard: | No            |
|           | Proper name For Shipping: | Sulfuric Acid |
|           | UN Number:                | 1830          |
|           | Hazard Class:             | 8             |
| IMDG:     | Packing Group:            | II            |
|           | Proper name For Shipping: | Sulfuric Acid |
|           | UN Number:                | 1830          |
|           | Hazard Class:             | 8             |
|           | Packing Group:            | II            |
|           | Marine Pollutant          | No            |

## 15. REGULATORY INFORMATION

This product is classified and labeled in accordance with Directive 1999/45/EC and the following modifications. The health hazard classification has been determined based upon the composition and hazard data of each ingredient. Physical and health hazard information on the reagent mixture has not been determined. Any physical and health hazard information noted is based on a) evaluation of data of the pure ingredient and b) the concentration of each ingredient.

### Hazard Classification

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| EC Symbol:            | N                                                          |
| Indication of Danger: | Danger                                                     |
| Risk Code:            | R20/22, R36/37/38                                          |
| Safety Code:          | S24/25, S26, S36/37/39, S46                                |
| Hazard Code:          | H302, H303, H314, H315, H317, H318, H319, H335, H400, H402 |

OSHA Hazards: Corrosive, Carcinogen, Skin sensitizer

SARA 302 Components: Sulfuric Acid in this product is subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: Sulfuric Acid in this product is subject to the reporting requirements of SARA Title III, Section 313.

SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard (due to Kathon CG, Sulfuric Acid, PABA).

California Prop 65 Components: This product contains a chemical (Sulfuric Acid) known to the State of California to cause cancer.

## 16. OTHER INFORMATION

The information supplied in this Material Safety Data Sheet represents the data and best information available on the date of preparation. It is provided to allow for the proper and safe use, storage, transport and disposal of the product. It is not to be considered as a warranty, guarantee or specification of the product quality. It is related to the materials specifically indicated and does not apply if these are used in combination with other materials or during processes not indicated in the text of this safety data sheet.

Sekisui Diagnostics, LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.