

The followed Material Safety Data Sheet is based on the analysis of the reagent component.

### Part I Diluent (M-23D)

| <b>1 Identification of the substance / preparation and of the company</b> |   |
|---|---|
| <b>Information of the substance or preparation</b>                        |   |
| <b>Trade name</b>   | <b>DILUENT (M-23D)</b>  |
| <b>Information about the manufacturer / supplier</b>                      |   |
| <b>Manufacturer</b>   | SHENZHEN MINDRAY BIO-MEDICAL ELECTRONICS CO., LTD<br>Mindray Building, Keji 12 <sup>th</sup> Road South, Hi-tech Industrial Park, Nanshan,<br>Shenzhen, P.R. China, 508057<br>Tel:+86 755 26582888 / Fax:+86 755 26582680 |
| <b>Enquiry point</b>  | Research & Development Department,<br>Tel:+86 755 26582888 Fax:+86 755 26582680<br>Reagent Production,<br>Tel: +86 75586159296 / Fax:+86 755 86159297   |
| <b>Distributor</b>  | n.a.  |
| <b>Enquiry point</b>  | n.a.  |

| <b>2 Composition / information on ingredients</b> |  |
|---|--|
| <b>Synonyms</b>                                   | Diluent to be used with Mindray hematology analyzer BC-2300/BC-2100.   |
| <b>DILEUNT (M-23D) contains</b>                   | Sodium Sulphate Anhydrous 7.5-11.5g/L<br>Sodium Chloride 3.5-5.5g/L<br>Buffering Agents 1.0-3.0g/L<br>Anti-fungal and Anti-bacterial Agents 0.8-2.5g/L |
| <b>Hazardous ingredients</b>                      | n.a.   |

| <b>3 Possible hazards</b> |  |
|---------------------------|--|
| n.a.                      |  |

| <b>4 First-aid measures</b> |   |
|-----------------------------|---|
| <b>After skin contact</b>   | Rinse contacted area with water. Remove any contaminated clothes. |
| <b>After eye contact</b>    | Flush with plenty of water.                                       |
| <b>After ingestion</b>      | Drink lots of water, induce vomiting. Contact a physician.        |

| <b>5 Fire-fighting measures</b> |  |
|---------------------------------|--|
| <b>Suitable</b>                 | In accordance with those identified by the surroundings. |

|                                 |                 |
|---------------------------------|-----------------|
| <b>extinguishing methods</b>    |                 |
| <b>Special exposure hazards</b> | Unknown         |
| <b>Additional information</b>   | Not inflammable |

| <b>6 Accidental release measures</b> |   |
|--------------------------------------|---|
| <b>Personal precautions</b>          | Wear gloves and laboratory coat. Prevent skin and eye contacting.                               |
| <b>environmental precautions</b>     | keeping away from drains, surface- and ground-water and soil                                    |
| <b>Methods for cleaning up</b>       | Use of absorbent material which should be disposed of in a dustbin. Clean with plenty of water. |

| <b>7 Handling and storage</b> |   |
|-------------------------------|---|
| <b>Handling</b>               | n.a.  |
| <b>Storage</b>                | Store at 2-30°C, tightly closed in a dark and cool place. |

| <b>8 Exposure controls / personal protection</b> |   |
|--|---|
| <b>Workplace-related threshold limits</b>        | n.a.  |
| <b>Personal protection</b>                       |   |
| <b>Respiratory protection</b>                    | Not necessary   |
| <b>Hand protection</b>                           | Standard laboratory latex or rubber gloves recommended. |
| <b>Eye protection</b>                            | Standard laboratory safety glasses recommended.         |

| <b>9 Physico-chemical properties</b> |                     |
|--------------------------------------|---------------------|
| <b>Form</b>                          | Liquid              |
| <b>Colour</b>                        | Colourless          |
| <b>Odour</b>                         | Odourless           |
| <b>pH-value</b>                      | ( 20 °C ) 6.85-7.25 |
| <b>Melting point</b>                 | 0 °C                |
| <b>Boiling point</b>                 | 100 °C              |
| <b>Flash point</b>                   | n.a.                |
| <b>Ignition temperature</b>          | n.a.                |

|                             |                              |
|-----------------------------|------------------------------|
| <b>Explosion limits</b>     | Lower: n.a.<br>Upper: n.a.   |
| <b>Oxidizing properties</b> | n.a.                         |
| <b>Vapour pressure</b>      | n.a.                         |
| <b>Density</b>              | ( 20 °C ) 1.003 - 1.023 g/ml |
| <b>Solubility in water</b>  | ( 20 °C ) soluble            |
| <b>Fat solubility</b>       | n.a.                         |

| <b>10 Stability and reactivity</b>      |   |
|---|---|
| <b>Conditions to avoid</b>              | Frozen, high temperature ( above 30°C ) , light |
| <b>Materials to avoid</b>               | None identified                                 |
| <b>Hazardous decomposition products</b> | Not determined                                  |

| <b>11 Toxicological information</b>                                |  |
|--|--|
| <b>Acute toxicity</b>  | No experimental data for this preparation available.               |
| <b>Sub-acute to chronic toxicity</b>                               | No experimental data for this preparation available.               |
| <b>Additional toxicological information</b>                        |  |
| <b>Expected properties caused by components of the preparation</b> |  |
| <b>After skin contact</b>  | Irritation   |
| <b>After eye contact</b>   | Irritation   |
| <b>After ingestion</b>   | Irritation   |
| <b>General remarks</b>   | If used properly the preparation will not cause hazardous effects. |

| <b>12 Ecological information</b>                                     |                          |
|--|--------------------------|
| <b>Information about elimination (persistence and degradability)</b> | No information available |
| <b>Behaviour in environmental compartments</b>                       | No information available |
| <b>Ecotoxicological effects:</b>                                     | No information available |

|  |                          |
|--|--------------------------|
| <b>Further information relating to ecology</b> | No information available |
|--|--------------------------|

| <b>13 Disposal considerations</b> |   |
|-----------------------------------|---|
| <b>Product</b>                    | In the EU there are no uniform regulations regarding disposal of chemicals and chemical waste. Items which should be disposed of are generally treated as special waste. Its disposal is regulated by laws or ordinances in EU countries.<br><br>Please contact the responsible office (authority or waste management company) to get detailed information on disposal. |
| <b>Packing</b>                    | Disposal according to the authorities' recommendation.  |

| <b>14 Transport information</b>        |  |
|--|--|
| <b>Transport / further information</b> | This preparation does not represent a dangerous item with regard to any mode of transport. |

| <b>15 Regulations</b>                          |                             |
|--|-----------------------------|
| <b>Labeling according to the EU Directives</b> | Preparation not classified. |

| <b>16 Other information</b>  |                     |
|--|---------------------|
| Date of last revision: 12-Jun-06<br>10-Aug-04  | Replaces edition of |
| Information of this Safety Data Sheet represents the today's state of our knowledge. The purpose is to characterize the product regarding safety precautions having to be kept. This document will not be a certification of features and will not be the basis of a legal contract. |                     |