

## Section 1. Chemical Product and Company Identification

|                         |                                                                              |                                           |
|-------------------------|------------------------------------------------------------------------------|-------------------------------------------|
| Product Name/Trade Name | <b>SaniSept 2%</b>                                                           |                                           |
| Synonym                 | Disinfectant HLD / Sterilant                                                 |                                           |
| Chemical Family         | Disinfectant                                                                 |                                           |
| Chemical Formula        | N/A                                                                          |                                           |
| Manufacturer/Supplier   | Sanichem(PTY) Ltd<br>141 Rochdale Road<br>Springfield Park<br>Durban<br>4091 | Emergency Telephone No<br>+27 31 579 3222 |

## Section 2. Composition and information on Ingredients

| Name                    | CAS #    | % by Weight |
|-------------------------|----------|-------------|
| Glutaraldehyde (Active) | 111-30-8 | >1 %        |
| Surfactants             |          | <5 %        |
| Methyl Alcohol          |          | <1 %        |
|                         |          |             |

## Section 3. Hazard identification

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| Potential Acute Health effects   | This product is an eye irritant.<br>Harmful if swallowed.                                                  |
| Potential Chronic Health Effects | Over exposure by inhalation may cause respiratory irritation. If skin redness or irritation develops, Use. |
| Carcinogenic effects             | NOT CLASSIFIED OR LISTED IARC, NTP, OSHA AND EN                                                            |

## Section 4. First Aid Measures

|                                                                                                     |                                                            |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Eye contact                                                                                         | In case of contact with eyes, rinse immediately with water |
| Skin Contact                                                                                        | Discontinue use if redness or irritation develops.         |
| Inhalation                                                                                          | Remove to fresh air.                                       |
| Ingestion                                                                                           | Do NOT induce vomiting. Drink plenty of water.             |
| Notes to Physician                                                                                  | Treat symptomatically should above exposures persist.      |
| Ensure First-aiders are aware of the materials involved, and take precautions to protect themselves |                                                            |

## Section 5. Fire Fighting Measures

|                                     |                                                                                                                                                                                                |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flammable Properties</b>         | Although not considered to be flammable, caution Should be exercised for surrounding areas and fire.                                                                                           |
| <b>Suitable Extinguishing Media</b> | Foam. Carbon dioxide. Water spray or Fog.                                                                                                                                                      |
| <b>Special Measures</b>             | Cool container exposed to flames until well after fire is Out. Move containers from fire area, if it can be done Without risk. Notify appropriate authorities if there is a Risk of pollution. |

## Section 6. Accidental Release Measures

|                              |                                                                                                                                                |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>  | ELIMINATE all ignition sources in immediate area. The use Of gloves is a requirement and respirators (Basic). Dust Masks may well be adequate. |
| <b>Small Spills and Leak</b> | Absorb with inert material and place in appropriate waste Disposal container.                                                                  |
| <b>Large Spill and Leaks</b> | Absorb with dry earth or sand. Prevent entry into sewer. Once contained, dispose of according local regulating Bodies.                         |

## Section 7. Handling and Storage

|                        |                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions</b>     | Keep away from heat. Keep away from sources of ignition As good work practice.                                                                            |
| <b>Incompatibility</b> | Acids, Oxidizing materials.                                                                                                                               |
| <b>Storage</b>         | Flammable materials should be stored in separate safety Storage cabinets. Keep out of reach of children. Product Is for institutional and commercial use. |

## Section 8. Exposure Controls/Personal Protection

|                             |                                                                                                                                                                                                                                                                                                                                           |             |                                                      |             |                          |             |                                                     |              |                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------|-------------|--------------------------|-------------|-----------------------------------------------------|--------------|---------------------------|
| <b>Engineering Controls</b> | Good general ventilation should be sufficient to control Airborne levels.                                                                                                                                                                                                                                                                 |             |                                                      |             |                          |             |                                                     |              |                           |
| <b>Personal Protection</b>  | <table> <tr> <td><b>EYES</b></td><td>Avoid contact with eyes. Safety glasses recommended.</td></tr> <tr> <td><b>BODY</b></td><td>Apron would be suitable.</td></tr> <tr> <td><b>RESP</b></td><td>Under normal conditions a respirator is not needed.</td></tr> <tr> <td><b>HANDS</b></td><td>Surgical Gloves required.</td></tr> </table> | <b>EYES</b> | Avoid contact with eyes. Safety glasses recommended. | <b>BODY</b> | Apron would be suitable. | <b>RESP</b> | Under normal conditions a respirator is not needed. | <b>HANDS</b> | Surgical Gloves required. |
| <b>EYES</b>                 | Avoid contact with eyes. Safety glasses recommended.                                                                                                                                                                                                                                                                                      |             |                                                      |             |                          |             |                                                     |              |                           |
| <b>BODY</b>                 | Apron would be suitable.                                                                                                                                                                                                                                                                                                                  |             |                                                      |             |                          |             |                                                     |              |                           |
| <b>RESP</b>                 | Under normal conditions a respirator is not needed.                                                                                                                                                                                                                                                                                       |             |                                                      |             |                          |             |                                                     |              |                           |
| <b>HANDS</b>                | Surgical Gloves required.                                                                                                                                                                                                                                                                                                                 |             |                                                      |             |                          |             |                                                     |              |                           |

## Section 9. Physical Properties

|                               |                      |
|-------------------------------|----------------------|
| Physical State and Appearance | liquid               |
| Odour                         | Soft(Aldehyde)       |
| Colour                        | Green Tint           |
| Boiling Point                 | >100 Degree Celsius  |
| Specific Gravity              | 1.010 to 1.020       |
| pH                            | 5.5 to 7.5 [Neutral] |
| Solubility                    | Soluble in water     |

## Section 10. Stability and Reactivity Data

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Stability               | Stable under recommended storage conditions(cool). |
| Incompatibility         | Acids and oxidizing material.                      |
| Hazardous Decomposition | Not available.                                     |

## Section 11. Toxicological Information

|                           |                                                                                                                                                                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Routes of Entry           | Not available.                                                                                                                                                                                                                            |
| Toxicity to Animals       | Acute oral toxicity.                                                                                                                                                                                                                      |
| Effects on Humans         | <p><b>EYES</b> Irritant. Redness, watering and itching.</p> <p><b>SKIN</b> Sensitive skin types.</p> <p><b>INHALATION</b> Adequate ventilation required.</p> <p><b>INGESTION</b> Harmful if swallowed. May cause nausea and vomiting.</p> |
| Chronic Effects on Humans | Over-exposure by inhalation may cause respiratory irritation. If redness on skin or irritation occurs discontinue use.                                                                                                                    |

## Section 12. Ecological Information

|                            |                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Eco toxicity               | <p>Glut: LC 50 fathead minnow 10.8 mg/L/96hr</p> <p>EC 50 daphnia magna 0.69 mg/L/48 hr</p> <p>EbC green algae 2.64 mg/L/72 hr</p> |
| BOD5 and COD               | Not available.                                                                                                                     |
| Products of Biodegradation | Readily biodegradable. Low bioaccumulation                                                                                         |

## Section 13. Disposal Consideration

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Waste Information | Waste must be disposed of in accordance with local Environmental control regulations. |
| Waste Streams     | Not available.                                                                        |

## Section 14. Transport Information

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| <b>Proper Shipping Name</b> | Disinfectant                                      |
| <b>Classification</b>       | Non-Flammable/Not a marine pollutant              |
| <b>Other Measures</b>       | Do not transport with oxidizing agents and acids. |

## Section 15. Regulatory Information

|                          |                   |                                                      |
|--------------------------|-------------------|------------------------------------------------------|
| <b>Effects on Humans</b> | <b>EYES</b>       | Irritant. Redness, watering and itching.             |
|                          | <b>SKIN</b>       | Sensitive skin types.                                |
|                          | <b>INHALATION</b> | Adequate ventilation required.                       |
|                          | <b>INGESTION</b>  | Harmful if swallowed. May cause nausea and vomiting. |

## Section 16. Other Information

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as at the date of issue. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability.