



# Material Safety Data Sheet

| Section 1. Product and Company Identification |   |                                    |  |
|---|---|------------------------------------|--|
| <b>Product Name</b>                           | <b>PROFESSIONAL VANI-SOL® HIGH ACID BOWL CLEANSE (LIQUID)</b>   | <b>MSDS#</b>                       | Not available.   |
| <b>Product Description</b>                    | A high acid toilet bowl cleaner for removing lime, hard water, mineral and rust deposits. Contains no phosphates or phosphorus, harmless to septic tanks. | <b>Validation Date</b>             | 8/10/2005  |
|   |   | <b>Print Date</b>                  | 8/10/2005  |
| <b>Manufacturer</b>                           | Reckitt Benckiser North America, Inc.<br>Morris Corporate Center IV<br>399 Interpace Parkway (P.O. Box 225)<br>Parsippany, N.J. 07054-0225                | <b>In case of Emergency:</b>       | Telephone: 800-677-9218<br>(Professional Products)                 |
| <b>Product Identifier</b>                     | Not available.  | <b>Transportation Emergencies:</b> | Chemtrec: 1-800-424-9300<br>(U.S. & Canada)                        |
| <b>Item Number</b>                            | 361765  |                                    | Outside the U.S & Canada<br>(North America), call:<br>703-527-3887 |
| <b>Formula Number</b>                         | 541-028 (F/F #351765)   |                                    |  |
| <b>UPC Number</b>                             | 36241-02212 (32 oz.)  |                                    |  |

| Section 2. Composition and Information on Ingredients |           |             |   |
|---|-----------|-------------|---|
| Name  | CAS #     | % by Weight | Exposure Limits : TLV/PEL   |
| 1) HYDROCHLORIC ACID                                  | 7647-01-0 | 0-23.5      | CEIL: 7.5 (mg/m <sup>3</sup> ) from ACGIH (TLV)CEIL: 5 (ppm) from ACGIH (TLV)CEIL: 7.5 (mg/m <sup>3</sup> ) CEIL: 5 (ppm) from OSHA |

| Section 3. Hazards Identification |  |
|-----------------------------------|--|
| <b>Emergency Overview</b>         | DANGER: POISON! CORROSIVE! Contains 23% hydrochloric acid. May be Harmful or Fatal if swallowed! Do not breathe vapor or fumes. Produces chemical burns. Do not get in eyes, on skin or on clothing. Wear chemical goggles or full face shield and rubber gloves when handling. KEEP OUT OF REACH OF CHILDREN. |

| Section 4. First Aid Measures |  |
|-------------------------------|--|
| <b>Eye Contact</b>            | In case of eye contact, immediately rinse eyes thoroughly with plenty of water. Remove any contact lenses, and continue rinsing eyes for at least fifteen minutes. Get immediate medical attention.  |
| <b>Skin Contact</b>           | In case of skin contact, immediately flush exposed skin area with plenty of water for at least 15 minutes. Remove any contaminated clothing and wash skin thoroughly with soap and water. Get immediate medical attention if irritation persists.              |
| <b>Inhalation</b>             | Remove to fresh air. If irritation persists or there is any trouble breathing, get immediate medical attention.  |
| <b>Ingestion</b>              | DO NOT induce vomiting. Drink a glass of water and call a physician or poison control center IMMEDIATELY. NEVER give an unconscious person anything to ingest.<br><br>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. |

**Section 5. Fire and Explosion Data**

|   |   |
|---|---|
| <b>Flammability</b>                         | Combustible. See Section 14 for any Shipping Classifications.   |
| <b>Flash Point</b>                          | CLOSED CUP: Between 61°C (142°F) and 93.3°C (200°F). (Tagliabue).   |
| <b>Explosive Limits in Air</b>              | Not available.  |
| <b>Products of Combustion</b>               | Not available.  |
| <b>Fire and Explosion Hazards</b>           | Keep away from excessive heat, sparks or open flame.  |
| <b>Fire Fighting Media and Instructions</b> | Use water spray, foam, dry chemical or carbon dioxide, as suitable, for the surrounding fire.             |
| <b>Special Fire Fighting Instructions</b>   | Wear self-contained breathing apparatus and protective clothing appropriate for fighting a chemical fire. |

**Section 6. Accidental Release Measures**

|                         |   |
|-------------------------|---|
| <b>Accidental Spill</b> | <p>Small spill: Wearing appropriate eye and skin (hand) protection, absorb with an inert material and put the spilled material in an appropriate waste disposal. Rinse area with fresh water to dilute residual material.</p> <p>Large spills: Wearing appropriate eye, hand, skin (body) and respiratory protection, the spill should be diked, contained and collected for later disposal according to local, state or federal regulations.</p> |
|-------------------------|---|

**Section 7. Handling and Storage**

|                             |   |
|-----------------------------|---|
| <b>Handling and Storage</b> | <p><b>DANGER: POISON! CORROSIVE!</b> Contains 23% hydrochloric acid. May be Harmful or Fatal if swallowed! Do not breathe vapor or fumes. Produces chemical burns. Do not get in eyes, on skin or on clothing. Wear chemical goggles or full face shield and rubber gloves when handling.</p> <p>Store in original container in areas inaccessible to small children, pets and domestic animals. Keep stored container upright and tightly closed in a well-ventilated location. Combustible liquid. Store away from heat or open flame and away from food and feed. Fumes are corrosive to metal. <b>KEEP OUT OF REACH OF CHILDREN.</b></p> <p>Do not use with chlorine bleach or any other chemical or household product.</p> |
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**Section 8. Exposure Controls/Personal Protection**

|                                 |   |
|---------------------------------|---|
| <b>Ventilation Requirements</b> | Avoid prolonged breathing of vapor. Use sufficient ventilation to keep hazardous ingredients below their Threshold Limit Values (see Section #2).                     |
| <b>Eye Protection</b>           | Avoid contact with eyes. The use of chemical goggles or full face shield is recommended when handling. Emergency responders should wear full eye and face protection. |
| <b>Skin Protection</b>          | Avoid skin contact. Skin irritant, wear rubber or other type of impervious gloves. Emergency responders should wear impermeable gloves.                               |
| <b>Respiratory Protection</b>   | Avoid inhalation of vapor or fumes. None required in normal use. Under extreme conditions, use an appropriate NIOSH-approved respirator, as necessary                 |
| <b>Other Protection</b>         | Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.                          |
| <b>Work/Hygienic Practices</b>  | Wash hands with soap and water after use.   |

**Section 9. Physical and Chemical Properties**

|                                   |                |              |                |
|-----------------------------------|----------------|--------------|----------------|
| <b>Description</b>                | Opaque liquid. | <b>Odor</b>  | Not available. |
| <b>pH</b>                         | <1 [Acidic.]   | <b>Color</b> | White.         |
| <b>Boiling/Condensation Point</b> | Not available. |              |                |
| <b>Specific Gravity</b>           | Not available. |              |                |
| <b>Vapor Pressure</b>             | Not available. |              |                |
| <b>Vapor Density</b>              | Not available. |              |                |
| <b>Viscosity</b>                  | Not available. |              |                |
| <b>Solubility</b>                 | Complete.      |              |                |
| <b>Physical Chemical Comments</b> | Not available. |              |                |

**Section 10. Stability and Reactivity Data**

|  |  |
|--|--|
| <b>Chemical Stability</b>                      | Stable.                                  |
| <b>Conditions of Instability</b>               | None known.                              |
| <b>Incompatibility with Various Substances</b> | Bleach and Alkalis. Corrosive to metals. |
| <b>Hazardous Decomposition Products</b>        | Acid halides.                            |
| <b>Hazardous Polymerization</b>                | Will not occur.                          |

**Section 11. Toxicological Information**

**Exposure effects**

|                        |  |
|------------------------|--|
| <b>Eye Contact</b>     | Corrosive to eyes. May cause chemical burns.   |
| <b>Skin Contact</b>    | Corrosive to skin. May cause chemical burns.   |
| <b>Inhalation</b>      | Vapor may cause irritation of nose, throat and upper respiratory tract. Do not breathe vapor or fumes. |
| <b>Ingestion</b>       | May be harmful or fatal if swallowed.  |
| <b>Carcinogenicity</b> | Not listed as carcinogenic by OSHA, NTP or IARC.   |

**Section 12. Ecological Information**

|                    |  |
|--------------------|--|
| <b>Ecotoxicity</b> | Not available. Prevent spills from entering any water source, hazardous to wildlife. |
|--------------------|--|

**Section 13. Disposal Considerations**

|                       |   |
|-----------------------|---|
| <b>Waste Disposal</b> | Do not reuse empty container. Rinse thoroughly and discard in the trash or rinse and recycle empty container if appropriate in your area. Dispose of in accordance with local, state and federal regulations. |
|-----------------------|---|


**Section 14. Transport Information**

|   |  |  |
|---|--|--|
| <b>DOT Classification</b>                       | ORM-D  |  |
| <b>Proper Shipping Name</b>                     | Consumer Commodity.  |  |
| <b>DOT Identification Number</b>                | Not applicable.  |  |
| <b>Packing Group</b>                            | Not applicable.  |  |
| <b>Maritime Transportation</b>                  | Not applicable.  |  |
| <b>Hazardous Substances Reportable Quantity</b> | Not applicable.  |  |
| <b>Special Provisions for Transport</b>         | Not applicable.  |  |
| <b>TDG Classification</b>                       | Consumer Commodity / Limited Quantity, Transborder Consignment.          |  |
| <b>ADR Classification</b>                       | Not applicable.  |  |
| <b>IMDG Classification</b>                      | UN 1789 - Hydrochloric acid solution, Class 8, PG II - Limited Quantity. |  |
| <b>IATA Classification</b>                      | UN 1789 - Hydrochloric acid solution, Class 8, PG II                     |  |

**Section 15. Regulatory Information**

|   |   |   |  |
|---|---|---|--|
| <b>Federal and State Regulations</b>        | SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting:<br>1) HYDROCHLORIC ACID CAS #: 7647-01-0 0-23.5 %<br><br>California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act:<br>None |   |  |
| <b>Other Classifications</b>                | <b>WHMIS (Canada)</b>   | CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).<br>CLASS E: Corrosive liquid. |  |
| <b>New Jersey Right-To-Know Regulation:</b> | HYDROCHLORIC ACID CAS #: 7647-01-0<br>WATER CAS #: 7732-18-5<br>SURFACTANTS CAS #: Not applicable   |   |  |

**Section 16. Other Information**

|   |  |                    |   |             |   |            |   |                     |   |  |   |
|---|--|--------------------|---|-------------|---|------------|---|---------------------|---|--|---|
| <b>HMIS (U.S.A.)</b>                      | <table border="1"> <tr><td>Health Hazard</td><td>3</td></tr> <tr><td>Fire Hazard</td><td>2</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>D</td></tr> </table> | Health Hazard      | 3 | Fire Hazard | 2 | Reactivity | 0 | Personal Protection | D | <b>National Fire Protection Association (U.S.A.)</b> |  <p>Health: 3, Fire Hazard: 2, Reactivity: 0, Specific hazard: COR</p> |
| Health Hazard                             | 3  |                    |   |             |   |            |   |                     |   |  |   |
| Fire Hazard                               | 2  |                    |   |             |   |            |   |                     |   |  |   |
| Reactivity                                | 0  |                    |   |             |   |            |   |                     |   |  |   |
| Personal Protection                       | D  |                    |   |             |   |            |   |                     |   |  |   |
|   | <b>NFPA Aerosol Level</b>  | Not applicable.    |   |             |   |            |   |                     |   |  |   |
| Validated by Product Safety on 8/10/2005. |  | Printed 8/10/2005. |   |             |   |            |   |                     |   |  |   |

**Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*