

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

|   |                                  |   |                |
|---|----------------------------------|---|----------------|
| Product Name and Codes<br>HydroSmooth Surfactant & Debubbler Item No. 40055 & 40056   |                                  | Product Synonyms<br>Surfactant, Debubbler |                |
| Product Use<br>Used by dental technicians, dental offices and jewelry makers          |                                  | Product Packages<br>Plastic Bottle        |                |
| Manufacturer's Name<br>Vacalon Company Inc  |                                  |   |                |
| Street Address<br>12960 Stonecreek Dr, Ste C  |                                  |   |                |
| City<br>Pickerington  |                                  | State<br>OH                               | Country<br>USA |
| Contact Information For General Product Details<br>(Mon - Fri, 9:00 am - 5:00 pm EDT) |                                  |   |                |
| Zip Code<br>43147   | Telephone Number<br>614-577-1945 | Fax Number<br>614-759-4999                |                |
| Date MSDS Prepared<br>May 1, 2008   |                                  |   |                |

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients       | % | CAS Number | OSHA PEL | ACGIH TLV |
|-----------------------------|---|------------|----------|-----------|
|                             |   |            |          |           |
|                             |   |            |          |           |
|                             |   |            |          |           |
| Non - Hazardous Ingredients |   |            |          |           |
| Water                       |   | 7732-18-5  | N/A      | N/A       |
| Proprietary Surfactants     |   | N/A        | N/A      | N/A       |

SECTION 3 — HAZARDS IDENTIFICATION

|  |  |   |   |  |
|--|--|---|---|--|
| Route of Entry   | <input checked="" type="checkbox"/> Skin Contact | <input checked="" type="checkbox"/> Ingestion | <input checked="" type="checkbox"/> Eye Contact | <input checked="" type="checkbox"/> Inhalation |
| [Emergency Overview]<br>Appearance: Clear, pink color Odor: Mild, sweet smell<br>- Do not drink liquid.<br>- Note: Overexposure to vapor is unlikely in the small quantities recommended for use |  |   |   |  |
| (Potential Health Effects)   |  |   |   |  |
| - Inhalation: Prolonged inhalation may cause drowsiness.<br>- Eyes: Irritation<br>- Ingestion: Nausea, vomiting or diarrhea<br>- Skin: Drying and cracking of skin                               |  |   |   |  |

SECTION 4 — FIRST AID MEASURES

|              |   |
|--------------|---|
| Skin Contact | Wash affected skin with soap and water.   |
| Eye Contact  | Flush eyes with large amount of water for at least 15 minutes. Seek attention if irritation persists. |
| Inhalation   | Move subject to fresh air.  |
| Ingestion    | Consult physician   |

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SECTION 5 — FIRE FIGHTING MEASURES

|   |   |   |   |
|---|---|---|---|
| Flammable                                 | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | General Hazards<br>N/A                        |   |
| Means of Extinction<br>N/A                |   |   |   |
| Flashpoint (°C) and Method<br>N/A         |   | Upper Flammable Limit (% by volume)<br>N/A    | Lower Flammable Limit (% by volume)<br>N/A              |
| Autoignition Temperature<br>N/A           |   | Explosion Data - Sensitivity to Impact<br>N/A | Explosion Data - Sensitivity to Static Discharge<br>N/A |
| Special Fire Fighting Procedures<br>N/A   |   |   |   |
| Unusual Fire and Explosion Hazards<br>N/A |   |   |   |

SECTION 6 — ACCIDENTAL RELEASE MEASURES

|   |
|---|
| Leak and Spill Procedures<br>Small spills should be flushed with large amounts of water. Large spills should be collected for disposal. May make floors slippery, when wet. Use an absorbent material and dispose of according to applicable Federal, State and Local Laws. |
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SECTION 7 — HANDLING AND STORAGE

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|--|
| Handling Procedures and Equipment<br>Use latex gloves and goggles when handling bulk material. Avoid spraying into face.         |
| Storage Requirements<br>Store away from excessive heat or open flame. Store bottles upright with caps tight. Keep from freezing. |
| Other Precautions  |

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

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| Specific Engineering Controls (such as ventilation, enclosed process)  |
| Personal Protective Equipment<br><input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other |
| If checked, please specify type<br>Gloves: Latex or suitable Eye: Safety glasses or goggles  |

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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

|   |   |   |
|---|---|---|
| Physical State<br>Liquid                        | Odor and Appearance<br>Clear, pink color w/ sweet smell | Vapour Pressure<br>17.5 mm HG @ 20°C (68°F) |
| Specific Gravity (H <sub>2</sub> O = 1)<br>1.14 | Vapor Density (Air = 1)<br>0.6 at 20°C (68°F)           | Melting Point<br>< 0°C (32°F)               |
| Evaporation Rate (Butyl Acetate = 1)<br>>1.0    | Boiling Point(°C)<br>100°C (212°F)                      | Other                                       |
| pH<br>N/E                                       | Solubility in water<br>Soluble                          |   |

SECTION 10 — STABILITY AND REACTIVITY

|  |  |
|--|--|
| Chemical Stability<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  | If no, under which conditions?   |
| Incompatibility with Other Substances<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | If yes, which ones?<br>Keep away from strong oxidizing and reducing agents |
| Reactivity, and under what conditions?   |  |
| Hazardous Decomposition or By-Products<br>Thermal decomposition or burning may produce sulfur oxides, carbon monoxide, carbon dioxide and oxides of Nitrogen |  |
| Hazardous Polymerization<br>Will not occur   |  |

SECTION 11 — TOXICOLOGICAL INFORMATION

|                                 |
|---------------------------------|
| LD50 Information<br>N/A         |
| Chronic/Carcinogenicity<br>None |

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SECTION 12 — ECOLOGICAL INFORMATION

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| Ecological Information<br>Avoid contamination of waterways. Contact authorities if significant contamination occurs. |
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SECTION 13 — DISPOSAL CONSIDERATIONS

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|---|
| Waste Disposal<br>Dispose of according to Federal, State and Local laws |
|---|

SECTION 14 — TRANSPORT INFORMATION

|                              |             |
|------------------------------|-------------|
| Special Shipping Information |             |
| DOT<br>Not DOT Regulated     | WG<br>Other |
| IATA                         | Other       |

SECTION 15 — REGULATORY INFORMATION

|   |
|---|
| OSHA<br>Not considered hazardous under<br>California Prop 65 Contains no known substances known to cause cancer, birth defects, other |
|---|

SECTION 16 — OTHER INFORMATION

|                   |          |        |              |  |
|-------------------|----------|--------|--------------|--|
| HMS Hazard Rating | 0 Health | 0 Fire | 0 Reactivity | Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Minimum |
|-------------------|----------|--------|--------------|--|

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