

# MATERIAL SAFETY DATA SHEET

## (PREPARED ACCORDING TO 29 CFR 1910, 1200)

|  |   |                        |   |
|--|---|------------------------|---|
| <b>SECTION 1 PRODUCT IDENTIFICATION</b>  |   |                        |   |
| Product Trade Name: BioKleen Kitchen Floor Cleaner System  |   |                        | Date: 6-21-07                                     |
| Distributor: Global Surface Solutions, LLC.  |   | Product: Floor Cleaner |   |
| Address: 4330 West Broward Blvd. Suite B Fort Lauderdale, Florida 33317  |   |                        |   |
| Phone: 954-791-8580  |   | Fax: 954-327-2043      |   |
| <b>SECTION 2 INGREDIENTS</b>   |   |                        |   |
| CHEMICAL NAME / COMMON NAME  | CAS NO.                                     | %                      | TLV (Source)                                      |
| Sodium Hydroxide   | 1310-73-2                                   | 1-3                    | 2.0 mg/M3 (ACGIH)                                 |
|  |   |                        |   |
| SARA HAZARD: TITLE III, SECTION 313:   |   |                        |   |
| <b>SECTION 3 - PHYSICAL DATA</b>   |   |                        |   |
| Boiling point (°F): 212  | Specific Gravity (H2O=1.0): 1.058           | pH: 12.5 + 0.5         |   |
| Vapor Pressure (mm Hg)   | Evaporation Rate ( vs. H2O):                | X about the Same       | Faster Slower                                     |
| Vapor Density (Air=1):   | Appearance and Odor: Clear Liquid; Odorless |                        |   |
| Solubility in Water:   | X Complete                                  | Insoluble              | Emulsifiable (or Dispersible) Slight (or Partial) |
| <b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>  |   |                        |   |
| Flash Point (T.C.C.):  | °F X None to Boiling                        | Flammable Limits:      | Upper Lower                                       |
| Extinguishing Media: Product is non-combustible; Water Spray fog, Dry Chemical ; CO2 or Foam may be used.  |   |                        |   |
| Special Firefighting Procedures: Firefighters should wear a self contained breathing apparatus with full protective equipment.   |   |                        |   |
| Unusual Fire and explosion Hazards:  |   |                        |   |
| <b>SECTION 5 - REACTIVITY DATA</b>   |   |                        |   |
| Stability: Stable  | Incompatibility: Oxidizers                  |                        |   |
| Hazardous Decomposition Products: Burning may produce carbon monoxide and / or carbon dioxide.   |   |                        |   |
| <b>SECTION 6 - HEALTH HAZARD DATA</b>  |   |                        |   |
| Primary Routes of Exposure:  | X Eye                                       | X Skin                 | Oral Inhalation Other:                            |
| Signs and symptoms of Over exposure (Acute): Prolonged or repeated contact of concentrated or diluted product with skin and or eyes may cause irritation and reddening. Ingestion may cause nausea, vomiting, diarrhea and mucosal irritation.   |   |                        |   |
| Signs and Symptoms of Overexposure (Chronic): None currently known.  |   |                        |   |
| Medical Conditions Aggravated by Overexposure: An Existing Dermatitis  |   |                        |   |
| Carcinogen or Suspect Carcinogen Ingredients:  | OSHA  | X NONE                 |   |
| <b>SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES</b>  |   |                        |   |
| Eyes: Flush with water for at least 15 minutes and call physician.   |   |                        |   |
| Skin: Wash affected areas with large amounts of soap and water. If irritation persists consult a physician.  |   |                        |   |
| Ingestion: Do not induce vomiting. Dilute by drinking water. Call a physician.   |   |                        |   |
| Inhalation: remove to fresh air. If breathing has stopped artificial respiration should be started. Oxygen may be administered if available. Call physician. Never give anything by mouth to an unconscious person.  |   |                        |   |
| <b>SECTION 8 - SPECIAL PROTECTION INFORMATION</b>  |   |                        |   |
| Respiratory Protection:  | Protective Gloves: Rubber                   |                        |   |
| Ventilation Requirements:  | Local Exhaust                               | Mechanical             | Other   |
| Eye Protection: Safety Glasses / Goggles   |   |                        |   |
| Other Protective Clothing: Normal work clothing covering arms and legs. Rubber Apron   |   |                        |   |
| <b>SECTION 9 - SPILL OR LEAK PROCEDURES</b>  |   |                        |   |
| Steps to be Taken If Released or Spilled: Flush small spills to drain. For large spills - safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with inert material and reclaim into sound containers for proper disposal.   |   |                        |   |
| Waste Disposal Methods: Dispose of in an approved waste facility according to federal, State and Local regulations.  |   |                        |   |
| <b>SECTION 10 - STORAGE AND HANDLING INFORMATION</b>   |   |                        |   |
| Precautions to be taken in Handling and Storage: Handle all containers carefully. Store in cool dry area out of direct sunlight.   |   |                        |   |
| The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use. |   |                        |   |

**HMIS HAZARD RATING**

**HMIS INDEX**

HEALTH (2)  
 FLAMMABILITY (0)  
 REACTIVITY (0)  
 PERSONAL PROTECTION (B)

0- LEAST  
 1- SLIGHT  
 2- MODERATE  
 3- SERIOUS  
 4- SEVERE

B - EYE AND SKIN PROTECTION