



**Buckeye International, Inc.**  
 2700 Wagner Place  
 Maryland Heights, MO 63043  
 314/291-1900

**N. F. P. A.**  
 4 = Extreme  
 3 = High  
 2 = Moderate  
 1 = Slight  
 0 = Insignificant

|  |              |   |
|--|--------------|---|
|  | HEALTH       | 0 |
|  | FLAMMABILITY | 0 |
|  | INSTABILITY  | 0 |

## Material Safety Data Sheet

24 Hour Medical Emergency Telephone Number: 1-800-303-0441. Outside North America call : 651-632-8956.

24 Hour Transportation Emergency Telephone Number: 1-800-535-5053. Outside North America call : 352-323-3500.

| <b>SECTION I - IDENTIFICATION</b>   |                                    |                              |                                    |            |
|---|------------------------------------|------------------------------|------------------------------------|------------|
| PRODUCT NAME<br><b>SYMMETRY GREEN CERTIFIED FOAMING HANDWASH</b>                              |                                    |                              | DATE PREPARED<br>December 27, 2011 |            |
| CHEMICAL FAMILY<br>Hand Soap  |                                    |                              | CODE<br>9009                       |            |
| PROPER D.O.T.   |                                    |                              |                                    |            |
| SHIPPING NAME<br>Toilet Preparations  |                                    |                              |                                    |            |
| D.O.T. HAZARD   |                                    |                              |                                    |            |
| CLASSIFICATION<br>None  |                                    |                              |                                    |            |
| <b>SECTION II - INGREDIENTS AND IDENTITY INFORMATION</b>                                      |                                    |                              |                                    |            |
| % By WGT  | MATERIAL                           | PEL                          | T.L.V.                             | C.A.S. NO. |
| >89.0   | Deionized Water                    | NE                           | NE                                 | 7732-18-5  |
| <5.0  | Alpha Olefin Sulfonate             | NE                           | NE                                 | 68439-57-6 |
| <5.0  | Cocamide MEA                       | NE                           | NE                                 | 68140-00-1 |
| <1.0  | Perfume and Additives less than 1% | NA                           | NA                                 | NA         |
|   |                                    |                              |                                    |            |
|   |                                    |                              |                                    |            |
|   |                                    |                              |                                    |            |
|   |                                    |                              |                                    |            |
|   |                                    |                              |                                    |            |
|   |                                    |                              |                                    |            |
|   |                                    |                              |                                    |            |
| ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY. |                                    |                              |                                    |            |
| <b>SECTION III - PHYSICAL DATA</b>  |                                    |                              |                                    |            |
| BOILING POINT °F  | 212°F                              | pH (CONC.)                   |                                    | 8.7± 0.5   |
| SOLUBILITY IN WATER   | Miscible                           | pH (USE DILUTION) RTU        |                                    | 8.7± 0.5   |
| % VOLATILE BY WEIGHT  | >95.0                              | EVAPORATION RATE (Water=1)   |                                    | 1.0        |
| SPECIFIC GRAVITY  | 1.00                               | PRODUCT FORM                 |                                    | Liquid     |
| APPEARANCE AND ODOR   | Clear Solution; Floral Fragrance   |                              |                                    |            |
| <b>SECTION IV - FIRE AND EXPLOSION DATA</b>   |                                    |                              |                                    |            |
| FLASH POINT (Test Method)   | Tag Closed Cup: None!              | <b>FLAMMABLE LIMITS</b>      |                                    |            |
| EXTINGUISHING MEDIA   | NA                                 | UPPER LIMIT: NA              | LOWER LIMIT: NA                    |            |
| SPECIAL FIRE FIGHTING PROCEDURES  | None                               |                              |                                    |            |
| UNUSUAL FIRE AND EXPLOSION HAZARDS  |                                    |                              |                                    |            |
|   |                                    | Products of combustion.      |                                    |            |
|   |                                    | Oxides of carbon and sulfur. |                                    |            |
| <b>SECTION V - REACTIVITY DATA</b>  |                                    |                              |                                    |            |
| STABILITY   | Stable                             |                              |                                    |            |
| CONDITIONS TO AVOID   | None known.                        |                              |                                    |            |
| INCOMPATIBILITY   | Do not mix with chlorine bleach.   |                              |                                    |            |
| HAZARDOUS DECOMPOSITION PRODUCTS  | None known.                        |                              |                                    |            |
| HAZARDOUS POLYMERIZATION  | Will not occur.                    |                              |                                    |            |

|  |  |                        |                          |
|--|--|------------------------|--------------------------|
| <b>SECTION VI - HEALTH HAZARD DATA</b>   |  |                        |                          |
| ROUTE(S) OF ENTRY:   | INHALATION? No   | SKIN? Yes              | INGESTION? No            |
| HEALTH HAZARDS (Acute and Chronic)   |  |                        |                          |
| May cause eye irritation.  |  |                        |                          |
|  |  |                        |                          |
| CARCINOGENICITY:   | NTP? No  | IARC MONOGRAPHS? No    | OSHA REGULATED? No       |
|  |  |                        |                          |
| SIGNS AND SYMPTOMS OF OVEREXPOSURE   |  |                        |                          |
| For Eyes: Redness or burning sensation.  |  |                        |                          |
| MEDICAL CONDITIONS   |  |                        |                          |
| GENERALLY AGGRAVATED BY EXPOSURE   |  |                        |                          |
| None known.  |  |                        |                          |
| EMERGENCY AND FIRST AID PROCEDURES   |  |                        |                          |
| For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.  |  |                        |                          |
| For Ingestion: Give two large glasses of water. DO NOT induce vomiting. Call physician.  |  |                        |                          |
| Never give anything by mouth to an unconscious person.   |  |                        |                          |
| <b>SECTION VII - SPILL OR LEAK PROCEDURES</b>  |  |                        |                          |
| SPILL RESPONSE   |  |                        |                          |
| Will cause slippery surfaces.  |  |                        |                          |
| Pick up with mop, wet/dry vac or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.   |  |                        |                          |
| WASTE DISPOSAL   |  |                        |                          |
| METHOD   | Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.   |                        |                          |
|  |  |                        |                          |
| <b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>   |  |                        |                          |
| EYE PROTECTION   | None required.   | VENTILATION            | Normal room ventilation. |
| SKIN PROTECTION  | None required.   | RESPIRATORY PROTECTION | None required.           |
| OTHER PROTECTION   | Follow good personal hygiene practices.<br>When using product, do not rub eyes.  |                        |                          |
| <b>SECTION IX - SPECIAL PRECAUTIONS</b>  |  |                        |                          |
| PRECAUTIONS IN HANDLING AND STORAGE  | <b>KEEP OUT OF REACH OF CHILDREN!</b><br>Keep container closed when not in use.<br>Store at room temperature.  |                        |                          |
| OTHER PRECAUTIONS  | This product is not regulated under CERCLA or RCRA.<br>Not reportable under SARA Title III, Section 311/312.<br>Complies with current FDA regulations for cosmetic products. |                        |                          |
| NA = Not Applicable<br>NE = Not Established  |  |                        |                          |
| <b>PREPARED BY:</b>  | Scott Maag, Vice President of Operations   |                        |                          |
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