



**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 | 2 |
|  | 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>BUCKEYE ECO GLASS CLEANER</b>  |   |                               | DATE PREPARED<br>January 6, 2012 |            |
| CHEMICAL FAMILY<br>Concentrated Glass Cleaner, Water Based                                    |   |                               | CODE<br>E/S 6012                 |            |
| PROPER D.O.T.<br>SHIPPING NAME Compound, Cleaning, Liquid*                                    |   |                               |                                  |            |
| D.O.T. HAZARD<br>CLASSIFICATION None  |   |                               |                                  |            |
| <b>SECTION II - INGREDIENTS AND IDENTITY INFORMATION</b>                                      |   |                               |                                  |            |
| % By WGT  | MATERIAL  | PEL                           | T.L.V.                           | C.A.S. NO. |
| >73.0   | Soft Water  | NE                            | NE                               | 7732-18-5  |
| <23.0   | Propylene Glycol Methyl Ether                           | 100 ppm                       | 100 ppm                          | 107-98-2   |
| <3.0  | Alpha Olefin Sulfonate                                  | NE                            | NE                               | 68784-79-2 |
| <1.0  | Perfume, Coloring 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.)                    |                                  | 7.76 ± 0.2 |
| SOLUBILITY IN WATER   | Infinite  | 1:16 Dilution (pH 7 DI Water) |                                  | 7.30 ± 0.2 |
| % VOLATILE BY WEIGHT  | 83.0  | EVAPORATION RATE (Water=1)    |                                  | 1.0        |
| SPECIFIC GRAVITY  | 1.00  | PRODUCT FORM                  |                                  | Liquid     |
| APPEARANCE AND ODOR   | Clear Blue Solution; Ocean Surf Fragrance               |                               |                                  |            |
| <b>SECTION IV - FIRE AND EXPLOSION DATA</b>   |   |                               |                                  |            |
| FLASH POINT (Test Method)   | Tag Closed Cup: 155°F                                   | <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.<br>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.   |                               |                                  |            |

**BUCKEYE ECO GLASS CLEANER CODE: E/S 6012**

|  |  |                        |                                     |
|--|--|------------------------|-------------------------------------|
| <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 and skin irritation.   |  |                        |                                     |
|  |  |                        |                                     |
| CARCINOGENICITY:   | NTP? No  | IARC MONOGRAPHS? No    | OSHA REGULATED? No                  |
|  |  |                        |                                     |
| SIGNS AND SYMPTOMS OF OVEREXPOSURE   |  |                        |                                     |
| For Eyes: Redness or burning sensation.  |  |                        |                                     |
| For Skin: Redness of skin or a warming sensation.  |  |                        |                                     |
| MEDICAL CONDITIONS   |  |                        |                                     |
| GENERALLY AGGRAVATED BY EXPOSURE   |  |                        |                                     |
| Can cause defatting of skin tissue.  |  |                        |                                     |
| EMERGENCY AND FIRST AID PROCEDURES   |  |                        |                                     |
| For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.  |  |                        |                                     |
| For Skin: Flush with 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   |  |                        |                                     |
| 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   | When eye contact may occur,<br>wear safety glasses or chemical splash goggles.   | VENTILATION            | Maintain adequate room ventilation. |
| SKIN PROTECTION  | Rubber gloves or other impervious gloves.*   | RESPIRATORY PROTECTION | None required.                      |
| OTHER PROTECTION   |  |                        |                                     |
| Wash thoroughly with soap and water after handling.  |  |                        |                                     |
| *Needed for clean up of spill or for possible prolonged skin contact.  |  |                        |                                     |
| <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.   |                        |                                     |
| NA = Not Applicable<br>NE = Not Established  | <b>*If the product is transported domestically by air, check with the individual carrier to see if this product is dangerous good with the description NA1993, Combustible liquid, n.o.s., PGIII</b> |                        |                                     |
| <b>PREPARED BY:</b>  | Scott Maag, Vice President of Operations   |                        |                                     |
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