



**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>BUCKEYE DEFOAM</b>                                                         |                                                          |                            | DATE PREPARED<br>December 27, 2011 |            |
| CHEMICAL FAMILY<br>Defoamer                                                                   |                                                          |                            | CODE<br>5410                       |            |
| 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. |
| >95.0                                                                                         | Soft Water                                               | NE                         | NE                                 | 7732-18-5  |
| <5.0                                                                                          | Polydimethylsiloxane Emulsion                            | NE                         | NE                                 | Blend      |
|                                                                                               |                                                          |                            |                                    |            |
|                                                                                               |                                                          |                            |                                    |            |
|                                                                                               |                                                          |                            |                                    |            |
|                                                                                               |                                                          |                            |                                    |            |
|                                                                                               |                                                          |                            |                                    |            |
|                                                                                               |                                                          |                            |                                    |            |
| 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.)                 | 8.3 ± 0.2                          |            |
| SOLUBILITY IN WATER                                                                           | Miscible                                                 | pH (USE DILUTION)          | NA                                 |            |
| % VOLATILE BY WEIGHT                                                                          | 98.0                                                     | EVAPORATION RATE (Water=1) | 1.0                                |            |
| SPECIFIC GRAVITY                                                                              | 1.00                                                     | PRODUCT FORM               | Liquid                             |            |
| APPEARANCE AND ODOR                                                                           | White Opaque Solution; Mild Scent - No Fragrance Added   |                            |                                    |            |
| <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.<br>Oxides of carbon and silicon. |                            |                                    |            |
| <b>SECTION V - REACTIVITY DATA</b>                                                            |                                                          |                            |                                    |            |
| STABILITY                                                                                     | Stable                                                   |                            |                                    |            |
| CONDITIONS TO AVOID                                                                           | None known.                                              |                            |                                    |            |
| INCOMPATIBILITY                                                                               | None known.                                              |                            |                                    |            |
| HAZARDOUS DECOMPOSITION PRODUCTS                                                              | None known.                                              |                            |                                    |            |
| HAZARDOUS POLYMERIZATION                                                                      | Will not occur.                                          |                            |                                    |            |

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| <b>SECTION VI - HEALTH HAZARD DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                      |                                                    |
| ROUTE(S) OF ENTRY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | INHALATION? No                                                                                                                       | SKIN? Yes      INGESTION? No                       |
| HEALTH HAZARDS (Acute and Chronic)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                      |                                                    |
| May cause slight 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 Skin: Wash with soap and water. 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. Wash area with detergent solution followed by a clear water rinse. Allow floor to dry before allowing traffic. Repeat cleaning if necessary.                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                      |                                                    |
| Residues left behind may present a slip hazard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                                    |
| 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, wear safety glasses or chemical splash goggles.                                                          | VENTILATION<br>Maintain adequate room ventilation. |
| SKIN PROTECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Rubber gloves or other impervious gloves.*                                                                                           | RESPIRATORY PROTECTION<br>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 from freezing!<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>PREPARED BY:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Scott Maag, Vice President of Operations                                                                                             |                                                    |
| Disclaimer of Liability<br>As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Conforms to OSHA 174, Sept 1985. |                                                                                                                                      |                                                    |