



**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     | <b>2</b> |
|  | FIRE       | <b>1</b> |
|  | REACTIVITY | <b>0</b> |

## 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.

| SECTION I - IDENTIFICATION  |  |            |                                |                   |        |
|---|--|------------|--------------------------------|-------------------|--------|
| PRODUCT NAME<br><b>BUCKEYE SHOPMASTER RC</b>  |  |            | DATE PREPARED<br>April 1, 2005 |                   |        |
| CHEMICAL FAMILY<br>Degreasing Solvent   |  |            | CODE<br>5772                   |                   |        |
| PROPER D.O.T.<br>SHIPPING NAME Compound, Cleaning, Liquid                                     |  |            |                                |                   |        |
| D.O.T. HAZARD<br>CLASSIFICATION None  |  |            |                                |                   |        |
| SECTION II - INGREDIENTS AND IDENTITY INFORMATION   |  |            |                                |                   |        |
| % By WGT  | MATERIAL                                     | PEL        | T.L.V.                         | C.A.S. NO.        |        |
| <60.0   | Dimethyl Glutarate                           | NE         | NE                             | 1119-40-0         |        |
| <20.0   | Dimethyl Adipate                             | NE         | NE                             | 627-93-0          |        |
| <20.0   | Dimethyl Succinate                           | NE         | NE                             | 106-65-0          |        |
| <15.0   | Oxo-Decyl Acetate                            | NE         | NE                             | 108419-34-7       |        |
|   |  |            |                                |                   |        |
|   |  |            |                                |                   |        |
|   |  |            |                                |                   |        |
|   |  |            |                                |                   |        |
| ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY. |  |            |                                |                   |        |
| SECTION III - PHYSICAL DATA   |  |            |                                |                   |        |
| BOILING POINT °F  | 385°F  | Vap. Pres. | 0.2mmHg @ 20°C                 | pH (CONC.)        | NA     |
| SOLUBILITY IN WATER   | 5%   |            | pH (USE DILUTION)              |                   | NA     |
| % VOLATILE BY WEIGHT  | 100%   |            | EVAPORATION RATE (Water=1)     |                   | <0.1   |
| SPECIFIC GRAVITY  | 1.06   |            | PRODUCT FORM                   |                   | Liquid |
| APPEARANCE AND ODOR   | Water White Clear Solution, Sweet Odor       |            |                                |                   |        |
| SECTION IV - FIRE AND EXPLOSION DATA  |  |            |                                |                   |        |
| FLASH POINT(Test Method)  | Tag Closed Cup: 200°F                        |            | FLAMMABLE LIMITS               |                   |        |
| EXTINGUISHING MEDIA   | CO <sub>2</sub> , Foam, Dry Chemical & Water |            | UPPER LIMIT: 8.0%              | LOWER LIMIT: 0.9% |        |
| SPECIAL FIRE FIGHTING PROCEDURES  | None   |            |                                |                   |        |
| UNUSUAL FIRE AND EXPLOSION HAZARDS  | Products of combustion.<br>Oxides of carbon. |            |                                |                   |        |
| SECTION V - REACTIVITY DATA   |  |            |                                |                   |        |
| STABILITY   | Stable                                       |            |                                |                   |        |
| CONDITIONS TO AVOID   | None known.                                  |            |                                |                   |        |
| INCOMPATIBILITY   | Acids, strong alkali and heavy metal salts.  |            |                                |                   |        |
| HAZARDOUS DECOMPOSITION PRODUCTS  | None known.                                  |            |                                |                   |        |
| HAZARDOUS POLYMERIZATION  | Will not occur.                              |            |                                |                   |        |

| <b>SECTION VI - HEALTH HAZARD DATA</b>  |   |                        |                                    |
|---|---|------------------------|------------------------------------|
| ROUTE(S) OF ENTRY:  | INHALATION? Yes   | SKIN? Yes              | INGESTION? Yes                     |
| HEALTH HAZARDS (Acute and Chronic)  |   |                        |                                    |
| May cause eye and skin irritation. May cause blurred vision by excessive inhalation.<br>May also cause irritation by excessive inhalation and ingestion.  |   |                        |                                    |
| 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.<br>For Inhalation: Irritation of throat. Dizziness. For Ingestion: Nausea, headache.  |   |                        |                                    |
| MEDICAL CONDITIONS  |   |                        |                                    |
| GENERALLY AGGRAVATED BY EXPOSURE  |   |                        |                                    |
| Can cause defatting of skin tissue. Dermatitis.   |   |                        |                                    |
| EMERGENCY AND FIRST AID PROCEDURES  |   |                        |                                    |
| For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.<br>For Skin: Wash with soap and water for 15 minutes. If irritation occurs and persists, see physician.<br>For Inhalation: Remove to fresh air.<br>For Ingestion: Give two large glasses of water. DO NOT induce vomiting. Call physician.<br>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.   |   |                        |                                    |
| WASTE DISPOSAL  |   |                        |                                    |
| METHOD  | Dispose of liquid by permitted incinerator or biological treatment system. Dispose of solid material in approved and permitted landfill. Do not flush to sanitary sewer.                                    |                        |                                    |
| <b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>  |   |                        |                                    |
| EYE PROTECTION  | When eye contact may occur, wear safety glasses or chemical splash goggles.   | VENTILATION            | Adequate to keep vapors dispersed. |
| SKIN PROTECTION   | Rubber gloves or other impervious gloves.*  | RESPIRATORY PROTECTION | None under normal use.             |
| OTHER PROTECTION  |   |                        |                                    |
| Follow good personal hygiene practices.<br>*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>Store at room temperature.<br>Store away from heat, sparks and open flame.<br>Keep container closed when not in use.   |                        |                                    |
| OTHER PRECAUTIONS   | If 10,000 lbs. is stored in a single day, product may require reporting under SARA Title III, Section 311/312 as an acute and delayed health hazard.<br>This product is not regulated under CERCLA or RCRA. |                        |                                    |
| NA = Not Applicable<br>NE = Not Established   |   |                        |                                    |
| <b>PREPARED BY:</b>   | Mark Gindling, Director of Research   |                        |                                    |
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