



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

|  |   |  |                         |
|--|---|--|-------------------------|
| PRODUCT IDENTIFIER<br><b>BUCKEYE JET STREAM- NO PERFUME ADDED CODE: 5306</b> |   | PRODUCT IDENTIFICATION<br>NUMBER (PIN) <b>Not Applicable</b> |                         |
| PRODUCT USE<br><b>Extraction Carpet Cleaner, Water Based</b>                 |   |  |                         |
| MANUFACTURER'S NAME<br><b>BUCKEYE INTERNATIONAL, INC.</b>                    |   | SUPPLIER'S NAME  |                         |
| STREET ADDRESS<br><b>2700 WAGNER PLACE</b>                                   |   | STREET ADDRESS   |                         |
| CITY<br><b>MARYLAND HEIGHTS</b>  | PROVINCE<br><b>MISSOURI, U.S.A.</b>                         | CITY   | PROVINCE                |
| POSTAL CODE<br><b>63043-3471</b>   | MEDICAL EMERGENCY TELEPHONE<br>NUMBER <b>1-800-303-0441</b> | POSTAL CODE  | EMERGENCY TELEPHONE NO. |
| TRANSPORTATION EMERGENCY TELEPHONE NUMBER <b>1-800-535-5053</b>              |   |  |                         |

## SECTION 2 - INGREDIENTS

| INGREDIENTS                                | %<br>wgt/wgt | CAS NUMBER   | LD <sub>50</sub> OF INGREDIENT<br>(SPECIFY SPECIES AND ROUTE) | LC <sub>50</sub> OF INGREDIENT<br>(SPECIFY SPECIES) |
|--|--------------|--------------|---|---|
| Soft Water                                 | 60-100       | 7732-18-5    | Not Available   | Not Available                                       |
| Sodium Borate                              | 1-5          | 1303-96-4    | Rat Oral >4.5 g/kg  | 2.0 mg/L Rat  |
| Sodium Diisopropylnaphthalene<br>Sulfonate | 1-5          | 67952-45-8   | Not Available   | Not Available                                       |
| Benzyl Alcohol                             | 1-5          | 100-51-6     | Rat Oral 1.2 g/kg   | 1000 ppm 8 hrs. Rat                                 |
| Acrylate Copolymer                         | 1-5          | Trade Secret | Not Available   | Not Available                                       |
|  |              |              |   |   |
|  |              |              |   |   |

## SECTION 3 - PHYSICAL DATA

|  |   |   |  |   |
|--|---|---|--|---|
| PHYSICAL STATE<br><b>Liquid</b>                | ODOUR AND APPEARANCE<br><b>Mild-No Perfume Added- Clear, Water White Solution</b> |   |  |   |
| VAPOUR PRESSURE (mmHG)<br><b>Not Available</b> | VAPOUR DENSITY (Air=1)<br><b>Not Available</b>                                    | EVAPORATION RATE<br>(Water =1) <b>1</b> | BOILING POINT (°C)<br><b>100°</b>              | FREEZING POINT (°C)<br><b>0°</b>              |
| pH (CONC.)<br><b>9.2 ± 0.2</b>                 | pH (USE DILUTION)<br><b>8.5 ± 0.2</b><br>1:64 (pH 7 DI water)                     | SPECIFIC GRAVITY<br><b>1.03</b>         | COEFF. WATER/OIL DIST.<br><b>Not Available</b> | ODOUR THRESHOLD (ppm)<br><b>Not Available</b> |

## SECTION 4 - FIRE AND EXPLOSION DATA

|  |  |  |
|--|--|--|
| FLAMMABILITY<br><b>No</b>  | IF YES, UNDER WHICH CONDITIONS?                              |  |
| MEANS OF EXTINCTION<br><b>Not Applicable</b>                                   |  |  |
| FLASHPOINT (°C) AND METHOD<br><b>Tag Closed Cup - None!</b>                    | UPPER FLAMMABLE LIMIT (% BY VOLUME)<br><b>Not Applicable</b> | LOWER FLAMMABLE LIMIT (% BY VOLUME)<br><b>Not Applicable</b> |
| HAZARDOUS COMBUSTION PRODUCTS<br><b>Oxides of carbon, sulfur and nitrogen.</b> |  |  |
| EXPLOSION DATA   | SENSITIVITY TO IMPACT<br><b>Not Applicable</b>               | SENSITIVITY TO STATIC DISCHARGE<br><b>Not Applicable</b>     |

## SECTION 5 - REACTIVITY DATA

|  |   |
|--|---|
| CHEMICAL STABILITY<br><b>Yes</b>                           | IF NO, UNDER WHICH CONDITIONS?                                |
| INCOMPATIBILITY WITH OTHER SUBSTANCES?<br><b>Yes</b>       | IF SO, WHICH ONES?<br><b>Do not mix with chlorine bleach.</b> |
| REACTIVITY, AND UNDER WHAT CONDITIONS<br><b>None Known</b> |   |
| HAZARDOUS DECOMPOSITION PRODUCTS<br><b>None Known</b>      |   |

|   |                       |   |                          |   |                      |
|---|-----------------------|---|--------------------------|---|----------------------|
| PRODUCT IDENTIFIER  |                       |   |                          |   |                      |
| BUCKEYE JET STREAM- NO PERFUME ADDED CODE 5306  |                       |   |                          |   |                      |
| <b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>   |                       |   |                          |   |                      |
| ROUTE OF ENTRY  | SKIN CONTACT          | SKIN ABSORPTION   | EYE CONTACT              | INHALATION  | INGESTION            |
|   | Yes                   | No  | Yes                      | No  | No                   |
| EFFECTS OF ACUTE EXPOSURE TO PRODUCT  |                       |   |                          |   |                      |
| Mild eye and slight skin irritant, but not to an extent to be regulated under WHMIS. Not toxic by ingestion.  |                       |   |                          |   |                      |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT  |                       |   |                          |   |                      |
| None Known  |                       |   |                          |   |                      |
| EXPOSURE LIMITS   | IRRITANCY OF PRODUCT  |   | SENSITIZATION TO PRODUCT |   | CARCINOGENICITY      |
| Not Available   | Eye and skin irritant |   | Not Available            |   | No                   |
| TERATOGENICITY  | REPRODUCTIVE TOXICITY |   | MUTAGENICITY             |   | SYNERGISTIC PRODUCTS |
| No  | No                    |   | No                       |   | None Known           |
| <b>SECTION 7 - PREVENTIVE MEASURES</b>  |                       |   |                          |   |                      |
| PERSONAL PROTECTIVE EQUIPMENT   |                       |   |                          |   |                      |
| GLOVES (SPECIFY)  |                       | RESPIRATOR (SPECIFY)  |                          | EYE (SPECIFY)   |                      |
| Rubber gloves or other chemical resistant gloves. Needed for clean up of spill or for prolonged skin contact.   |                       | None Required   |                          | When eye contact may occur, wear safety glasses or chemical splash goggles. |                      |
| FOOTWEAR (SPECIFY)  |                       | CLOTHING (SPECIFY)  |                          | OTHER (SPECIFY)   |                      |
| Footwear that keeps feet dry is suggested.  |                       | Normal Clothing   |                          | None under normal use.  |                      |
| ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)   |                       |   |                          |   |                      |
| Normal room ventilation.  |                       |   |                          |   |                      |
| LEAK AND SPILL PROCEDURE  |                       | Pick up with mop, wet/dry vac or absorbent material.<br>Rinse area with clear water and allow floor to dry before allowing traffic. |                          |   |                      |
| WASTE DISPOSAL  |                       | Flush to sanitary sewer or send to sanitary landfill, following local, provincial and federal laws.                                 |                          |   |                      |
| HANDLING PROCEDURES AND EQUIPMENT   |                       |   |                          |   |                      |
| Wash thoroughly with soap and water after handling.   |                       |   |                          |   |                      |
| STORAGE REQUIREMENTS  |                       | <b>KEEP OUT OF REACH OF CHILDREN!</b><br>Store at room temperature. Keep container closed when not in use.                          |                          |   |                      |
| SPECIAL SHIPPING INFORMATION  |                       |   |                          |   |                      |
| Compound, Cleaning, Liquid.   |                       |   |                          |   |                      |
| <b>SECTION 8 - FIRST AID MEASURES</b>   |                       |   |                          |   |                      |
| SPECIFIC MEASURES   |                       |   |                          |   |                      |
| 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: Call for medical advice immediately. DO NOT induce vomiting. Do not give anything by mouth unless directed to do so by a medical professional. |                       |   |                          |   |                      |
|   |                       |   | <b><u>RATING</u></b>     |   |                      |
|   |                       |   | 4 = EXTREME              |   |                      |
|   |                       |   | 3 = SERIOUS              |   |                      |
|   |                       |   | 2 = MODERATE             |   |                      |
|   |                       |   | 1 = SLIGHT               |   |                      |
|   |                       |   | 0 = MINIMAL              |   |                      |
| <b>HAZARD</b>   | <b>NFPA</b>           | <b>HMIS</b>   |                          |   |                      |
| HEALTH  | 1                     | 1   |                          |   |                      |
| FIRE  | 0                     | 0   |                          |   |                      |
| REACTIVITY  | 0                     | 0   |                          |   |                      |
| <b>SECTION 9 - PREPARATION DATE OF MSDS</b>   |                       |   |                          |   |                      |
| PREPARED BY (GROUP, DEPARTMENT, ETC.)   |                       | PHONE NUMBER  |                          | DATE  |                      |
| SCOTT MAAG - DIRECTOR OF RESEARCH   |                       | (314) 291-1900  |                          | March 1, 2009   |                      |