



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

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| PRODUCT IDENTIFIER BUCKEYE PATHFINDER CODE: 5370 | | PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable | |
| PRODUCT USE Traffic Lane Cleaner | | | |
| MANUFACTURER'S NAME BUCKEYE INTERNATIONAL, INC. | | SUPPLIER'S NAME | |
| STREET ADDRESS 2700 WAGNER PLACE | | STREET ADDRESS | |
| CITY MARYLAND HEIGHTS | PROVINCE MISSOURI, U.S.A. | CITY | PROVINCE |
| POSTAL CODE 63043-3471 | MEDICAL EMERGENCY TELEPHONE NUMBER 1-800-303-0441 | POSTAL CODE | EMERGENCY TELEPHONE NO. |
| TRANSPORTATION EMERGENCY TELEPHONE NUMBER 1-800-535-5053 | | | |

SECTION 2 - INGREDIENTS

| INGREDIENTS | % wgt/wgt | CAS NUMBER | LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LC ₅₀ OF INGREDIENT (SPECIFY SPECIES) |
|------------------------------------|--------------|------------|---|---|
| Soft Water | 60-100 | 7732-18-5 | Not Available | Not Available |
| Propylene Glycol Phenyl Ether | 1-5 | 770-35-4 | Rat Oral 3.7 g/kg | Not Available |
| Linear Alkyl Benzene Sulfonic Acid | 1-5 | 27176-87-0 | Not Available | Not Available |
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SECTION 3 - PHYSICAL DATA

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| PHYSICAL STATE Liquid | ODOUR AND APPEARANCE Floral Fragrance; Iridescent Solution | | | |
| VAPOUR PRESSURE (mmHG) Not Available | VAPOUR DENSITY (Air=1) Not Available | EVAPORATION RATE (Water =1) 1 | BOILING POINT (°C) 100° | FREEZING POINT (°C) 0° |
| pH (CONC.) 7.0 ± 0.2 | pH (USE DILUTION) 7.0 ± 0.5 1:4 (pH 7 DI water) | SPECIFIC GRAVITY 1.01 ± 0.01 | COEFF. WATER/OIL DIST. Not Available | ODOUR THRESHOLD (ppm) Not Available |

SECTION 4 - FIRE AND EXPLOSION DATA

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

SECTION 5 - REACTIVITY DATA

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

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|---|--------------|---|----------------|---|-------------------|
| PRODUCT IDENTIFIER | | | | | |
| BUCKEYE PATHFINDER CODE 5370 | | | | | |
| SECTION 6 - TOXICOLOGICAL PROPERTIES | | | | | |
| ROUTE OF ENTRY | SKIN CONTACT | SKIN ABSORPTION | EYE CONTACT | INHALATION | INGESTION |
| | Yes | No | Yes | No | No |
| EFFECTS OF ACUTE EXPOSURE TO PRODUCT | | | | | |
| Slight eye irritant. Not irritating to skin. Not toxic by ingestion. | | | | | |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT | | | | | |
| None Known | | | | | |
| EXPOSURE LIMITS | | IRRITANCY OF PRODUCT | | SENSITIZATION TO PRODUCT | |
| Not Available | | Slight eye irritant | | Not Available | |
| TERATOGENICITY | | REPRODUCTIVE TOXICITY | | MUTAGENICITY | |
| No | | No | | No | |
| SYNERGISTIC PRODUCTS | | | | | |
| None Known | | | | | |
| SECTION 7 - PREVENTIVE MEASURES | | | | | |
| 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.) | | | | | |
| Maintain adequate room ventilation. | | | | | |
| LEAK AND SPILL PROCEDURE | | 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 | | 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. This product may etch some plastics. | | | |
| STORAGE REQUIREMENTS | | Store at room temperature. KEEP OUT OF REACH OF CHILDREN! Keep container closed when not in use. | | | |
| SPECIAL SHIPPING INFORMATION | | | | | |
| Compound, Cleaning, Liquid. | | | | | |
| SECTION 8 - FIRST AID MEASURES | | | | | |
| 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. | | | | | |
| Product produced under one or more of the following U.S. Patents: 5,080,822; 5,080,831; 5,158,710; 5,419,848; 5,585,341 and 5,849,682. Canada Patents: 2,056,425; 2,080,352; 2,057,027. | | | | | |
| | | | RATING | | |
| | | | 4 = EXTREME | | |
| | | | 3 = SERIOUS | | |
| | | | 2 = MODERATE | | |
| | | | 1 = SLIGHT | | |
| | | | 0 = MINIMAL | | |
| SECTION 9 - PREPARATION DATE OF MSDS | | | | | |
| PREPARED BY (GROUP, DEPARTMENT, ETC.) | | | PHONE NUMBER | | DATE |
| SCOTT MAAG - VICE PRESIDENT OF OPERATIONS | | | (314) 291-1900 | | February 15, 2015 |