



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

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|---|--|--|-----------------|---|--|
| PRODUCT IDENTIFIER BUCKEYE SANICARE LEMON QUAT | | CODE: 5076 | | PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable | |
| PRODUCT USE Cleaner Disinfectant, Water Based | | | | | |
| 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) |
|--|--------------|-------------------------|---|---|
| Blend of Didecyl Dimethyl and n-Alkyl Dimethyl Benzyl Ammonium Chlorides | 4.23 | 7173-51-5 68424-85-1 | Rat Oral 590 mg/kg | Not Available |
| Soft Water | 60-100 | 7732-18-5 | Not Available | Not Available |
| Octyl Dimethyl Amine Oxide | 1-5 | 2605-78-9 | Not Available | Not Available |
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SECTION 3 - PHYSICAL DATA

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|---|---|--|---|--|
| PHYSICAL STATE Liquid | | ODOUR AND APPEARANCE Lemon Fragrance; Clear Yellow 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.) 7.6 ± 0.2 | pH (USE DILUTION) 7.0 ± 0.2 1:64 (pH 7 DI water) | SPECIFIC GRAVITY 1.00 ± 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 > 93° - Tag Closed Cup | | UPPER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable | | LOWER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable |
| HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon and nitrogen. | | | | |
| 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 or anionic detergents. | |
| REACTIVITY, AND UNDER WHAT CONDITIONS None Known | |
| HAZARDOUS DECOMPOSITION PRODUCTS None Known | |

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|--|-----------------------|--|--------------------------|---|----------------------|
| PRODUCT IDENTIFIER | | | | | |
| BUCKEYE SANICARE LEMON QUAT CODE 5076 | | | | | |
| SECTION 6 - TOXICOLOGICAL PROPERTIES | | | | | |
| ROUTE OF ENTRY | SKIN CONTACT | SKIN ABSORPTION | EYE CONTACT | INHALATION | INGESTION |
| | Yes | No | Yes | No | Yes |
| EFFECTS OF ACUTE EXPOSURE TO PRODUCT | | | | | |
| Corrosive - Causes eye and skin damage. Harmful if swallowed. | | | | | |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT | | | | | |
| None Known | | | | | |
| EXPOSURE LIMITS | IRRITANCY OF PRODUCT | | SENSITIZATION TO PRODUCT | | CARCINOGENICITY |
| Not Available | Corrosive | | No | | No |
| TERATOGENICITY | REPRODUCTIVE TOXICITY | | MUTAGENICITY | | SYNERGISTIC PRODUCTS |
| No | No | | No | | None Known |
| SECTION 7 - PREVENTIVE MEASURES | | | | | |
| PERSONAL PROTECTIVE EQUIPMENT | | | | | |
| GLOVES (SPECIFY) | | RESPIRATOR (SPECIFY) | | EYE (SPECIFY) | |
| Rubber gloves or other chemical resistant gloves. | | None normally required. Avoid breathing spray mist. | | Wear safety glasses or chemical splash goggles. | |
| FOOTWEAR (SPECIFY) | | CLOTHING (SPECIFY) | | OTHER (SPECIFY) | |
| Normal Footwear | | Normal clothing which covers skin. | | None Required | |
| 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. Remove contaminated clothing and wash clothing before reuse. | | | | | |
| STORAGE REQUIREMENTS | | | | | |
| KEEP OUT OF REACH OF CHILDREN! Store at room temperature. Keep container closed when not in use. Rinse container before discarding. | | | | | |
| SPECIAL SHIPPING INFORMATION | | | | | |
| Disinfectant, Liquid, NOIBN | | | | | |
| SECTION 8 - FIRST AID MEASURES | | | | | |
| SPECIFIC MEASURES | | | | | |
| Call a poison control center or doctor immediately for treatment advice. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Take container, label or product name and registration number with you when seeking medical attention. | | | | | |
| Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed. | | | | | |
| This product is exempt under WHMIS (DIN 01962051). | | | | RATING | |
| | | | | 4 = EXTREME | |
| | | | | 3 = SERIOUS | |
| | | | | 2 = MODERATE | |
| | | | | 1 = SLIGHT | |
| | | | | 0 = MINIMAL | |
| HAZARD | NFPA | HMIS | | | |
| HEALTH | 2 | 2 | | | |
| FIRE | 1 | 1 | | | |
| REACTIVITY | 0 | 0 | | | |
| 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 |