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| BBJ Environmental Solutions 6321 Pelican Creek Circle Riverview, FL 33578 | | FOR MSDS INFORMATION Phone: (813) 622-8550 Toll Free: 1-800-889-2251 | | Page 1 of 2 Effective June 1, 2010 | |
| MATERIAL SAFETY DATA SHEET (MSDS) | | | | | |
| Section 1: Chemical Product and Company Identification | | | | | |
| Product Name: | BBJ AMC 5.5™ | | | HMIS Rating (Edition III) | |
| Product Class: | Industrial Disinfectant / Cleaner | | | Health | 3 |
| EPA Registration No.: | 10324-80-67212 | | | Flammability | 0 |
| Manufacturer: | BBJ Environmental Solutions | | | Physical Hazard | 0 |
| Emergency Contact: | 1-800-889-2251 | | | | |
| Section 2: Composition and Information on Hazardous Ingredients | | | | | |
| Chemical Name: | CAS #: | Percent by Weight: | OSHA PEL: | | |
| Alkyl (C ₁₂ -C ₁₆) dimethyl benzyl ammonium chloride | 68424-85-1 | 2.200 % | Not listed by OSHA | | |
| Tetrasodium ethylenediamine tetraacetate | 64-02-8 | 1.900 % | Not listed by OSHA | | |
| Octyl decyl dimethyl ammonium chloride | 32426-11-2 | 1.650 % | Not listed by OSHA | | |
| Ethanol | 64-17-5 | 1.000 % | 8H TWA 1000 PPM (1900 mg/m ³) | | |
| Didecyl dimethyl ammonium chloride | 7173-51-5 | 0.825 % | Not listed by OSHA | | |
| Diocetyl dimethyl ammonium chloride | 5538-94-3 | 0.825 % | Not listed by OSHA | | |
| Sodium Metasilicate | 6834-92-01 | 0.500 % | Not listed by OSHA | | |
| Section 3: Hazards Identification for Acute Exposure | | | | | |
| Routes of entry include eyes, ingestion, inhalation, and skin contact. | | | | | |
| Eyes: | May cause irreversible eye damage if not treated promptly. | | | | |
| Ingestion: | This product is a concentrated disinfectant. Ingestion may be fatal. | | | | |
| Inhalation: | None known | | | | |
| Skin Contact: | May be harmful or fatal if absorbed through the skin. | | | | |
| Section 4: First Aid Measures – In all cases, if the problem persists, seek medical help. | | | | | |
| Eyes: | Hold eye open and rinse slowly with water for 15-20 minutes. Remove contact lenses. | | | | |
| Ingestion: | Call poison control or doctor. Drink water if able. | | | | |
| Inhalation: | Move person to fresh air. Call ambulance if not breathing. | | | | |
| Skin Contact: | Take off contaminated clothing. Rinse skin immediately with water | | | | |
| Section 5: Fire Fighting Measures | | | | | |
| Special Fire Fighting Instructions: | As in any fire fighting procedure, wear a self-contained NIOSH-approved breathing apparatus and protective clothing. | | | | |
| Extinguishing Media: | Use appropriate media to extinguish supporting fire. | | | | |
| Flammability: | Class III B liquid | | | | |
| Flash Point: | > 94°C / 201°F | | | | |
| Section 6: Accidental Release Measures | | | | | |
| Flood with water, flush into sewer; or absorb and dispose in non-hazardous landfill | | | | | |
| Section 7: Handling and Storage | | | | | |
| Handling: | Do not use without reading booklet for directions. Avoid creasing container. | | | | |
| Storage: | Store in original container with lid closed. Keep out of reach of children. | | | | |
| Section 8: Personal Protective Exposure Control | | | | | |
| Engineering Control: | Use in well ventilated area. | | | | |
| Eye/Face Protection: | Safety goggles | | | | |
| Skin Protection: | Protective (rubber or latex) gloves when using product for extended time | | | | |
| Respiratory: | None | | | | |

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| Section 9: Physical and Chemical Properties | | | | | |
| Appearance: | Dark green liquid | pH @ 20°C / 68°F: | > 12.0 | | |
| Boiling Point: | 88-99°C / 190-210°F | Solubility in Water: | Complete | | |
| Evaporation Rate: | Similar to water | Specific Gravity: | 1.01 – 1.02 | | |
| Freezing Point: | -12.2°C / 10°F | Vapor Density: | Not determined | | |
| Odor: | Pine | Vapor Pressure: | 0.3 – 1.2 mm Hg | | |
| Section 10: Stability and Reactivity | | | | | |
| Chemical Stability: | Stable | | | | |
| Incompatibles: | Acids, strong oxidizers, strong reducing agents, anionic detergents | | | | |
| Hazardous Products From Decomposition: | Hydrogen chloride, carbon oxides, nitrous oxides | | | | |
| Hazardous Polymerization: | Will not occur. | | | | |
| Section 11: Toxicological Information | | | | | |
| LD₅₀/LC₅₀/EC₅₀: | Acute oral LD ₅₀ : 2.72g/kg; Primary Skin: Corrosive; Primary Eye: Corrosive | | | | |
| Carcinogenicity: | Not carcinogenic according to OSHA, I.A.R.C Monographs, and National Toxicology Program | | | | |
| Section 12: Ecological Information | | | | | |
| Ecotoxicity: | No data available | | | | |
| Section 13: Disposal Information | | | | | |
| Dispose of container in approved landfill. If burned, stay out of smoke. | | | | | |
| Section 14: Transportation Information | | | | | |
| D.O.T. Shipping Name: | Disinfectant Liquid Corrosive (Quaternary Ammonium Compound) | | | | |
| D.O.T. Hazard Class/ I.D. #/ Packing Group: | Corrosive / UN1903 / PG III | | | | |
| D.O.T. Label: | None, according to CFR 173.154 exception for quantities | | | | |
| U.S. Surface Freight Class: | Cleaning Compounds | | | | |
| Air Transportation: | See IATA Regulation 2.7 Dangerous Goods in Excepted Quantities | | | | |
| Section 15: Regulatory Information | | | | | |
| TSCA: | All ingredients are listed in the Toxic Substances Control Act inventory. | | | | |
| OSHA: | None | | | | |
| Clean Air Act: | None | | | | |
| State: | None | | | | |
| Section 16: Other | | | | | |
| BBJ Environmental Solutions assumes no legal responsibility or liability from the described product's use. All chemicals possess unknown potential hazards. The information herein should be used only to supplement the end user's existing knowledge. Read directions for proper use. This MSDS was written for the product as packaged. Cleaning Contractors shall comply with all applicable OSHA regulations. | | | | | |
| Approved by: | Robert Baker | | | | On: June 1, 2010 |