

BBJ Environmental Solutions, Inc. 400 North Ashley Drive Suite 2590 Tampa, FL 33602		FOR MSDS INFORMATION Phone: (813) 622-8550 Toll Free: 1-800-889-2251		Page 1 of 2 Effective August 1, 2008	
MATERIAL SAFETY DATA SHEET (MSDS)					
Section 1: Chemical Product and Company Identification					
Product Name:	BBJ Mold and Mildew Remediation™ Concentrate			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: August 1, 2008