

BBJ Environmental Solutions 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 Remover			HMIS Rating (Edition III)	
Product Class:	Industrial Disinfectant / Cleaner			Health	1
EPA Registration No.:	1839-83-67212			Flammability	1
Manufacturer:	BBJ Environmental Solutions			Physical Hazard	0
Emergency Contact:	Chemtrec 800-424-9300				
Section 2: Composition and Information on Hazardous Ingredients					
Chemical Name:	CAS #:	Percent by Weight:	OSHA PEL:		
Alkyl (C ₁₂ -C ₁₈) dimethyl benzyl ammonium chloride	68391-01-5	0.105 %	Not listed		
Alkyl (C ₁₂ -C ₁₄) dimethyl ethylbenzyl ammonium chloride (Alt CAS 68956-79-6)	85409-23-0	0.105 %	Not listed		
Diethylene glycol monobutyl ether	112-34-5	8.000 %	Not listed		
Section 3: Hazards Identification for Exposure					
Routes of entry include eyes, ingestion, inhalation, and skin contact.					
Eyes:	May cause irritation to the eyes.				
Ingestion:	Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.				
Inhalation:	Exposure via inhalation is not likely. High mist or vapor concentrations may irritate nose.				
Skin Contact:	Prolonged exposure may cause irritation to the skin.				
Section 4: First Aid Measures – When product is used according to directions, exposure to the product is not expected to cause problems. However, if a problem arises and persists, seek medical help.					
Eyes:	Hold eye open and rinse slowly with water for 15-20 minutes. Remove contact lenses. Rinse again.				
Ingestion:	Call poison control or doctor. Drink water if able. Do not induce vomiting.				
Inhalation:	Move person to fresh air. Seek medical attention if not breathing.				
Skin Contact:	Take off contaminated clothing. Rinse skin 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:	Product is not expected to be flammable.				
Flash Point:	(> 93.9 °C) >201 °F PMCC				
Section 6: Accidental Release Measures					
Isolate spill immediately; absorb with earth, sand, or other non-combustible material. Transfer to container for disposal.					
Section 7: Handling and Storage					
Handling:	Avoid contact with skin and eyes. Avoid breathing vapors or mists. Wash thoroughly after handling.				
Storage:	Store in a dry, well-ventilated area. Keep out of reach of children. Avoid freezing or excess heat. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.				
Section 8: Personal Protective Exposure Control – As any product, minimize exposure when possible.					
Engineering Control:	Use with adequate ventilation.				
Eye/Face Protection:	Wear protective eyewear, glasses, goggles, or face shield.				
Skin Protection:	Wear protective impervious gloves. Wear suitable protective clothing.				
Respiratory:	None required under normal conditions. If vapors are present or irritation occurs NIOSH approved respiratory protection for ammoniacal vapors should be worn.				
Personal Protective Equipment: General	Eyewash fountain and emergency showers are recommended Diethylene glycol monobutyl 112-34-5 NIOSH-Health Standards – Exposure Limits Reduce exposure to lowest feasible concentration				

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Section 9: Physical and Chemical Properties				
Appearance:	Clear liquid	pH @ 20°C / 68°F:	11.7	
Boiling Point:	> 212 °F (> 100 °C)	Solubility in Water:	Complete	
Evaporation Rate:	Similar to water	Specific Gravity:	1.007 g/ml, 8.38 lb/gal	
Freezing Point:	> 32 °F (> 0 °C)	Flash Point:	(>93.9 °C) >201 °F PMCC	
Odor:	Lemon citrus	Vapor Pressure:	Not available	
Section 10: Stability and Reactivity				
Chemical Stability:	Stable under normal conditions			
Incompatibles:	Strong oxidizing agents, acids and alkalis			
Hazardous Products From Decomposition:	Upon decomposition, this product may yield oxides of nitrogen and ammonia			
Hazardous Polymerization:	Will not occur.			
Section 11: Toxicological Information				
LD₅₀/LC₅₀/EC₅₀:	Not available LD ₅₀ : between 500 and 4000 mg/kg bodyweight (rat)			
Carcinogenicity:	Not listed as carcinogenic according to IARC, NTP, or OSHA.			
Section 12: Ecological Information				
Ecotoxicity:	It is toxic to fish and other aquatic organisms.			
Section 13: Disposal Information				
Do not dispose of product in sewer system without previously notifying the local sewage treatment plant authority. Triple rinse empty container (or equivalent); then offer for recycling or puncture and dispose of in sanitary landfill.				
Section 14: Transportation Information				
D.O.T. Shipping Name:	Not regulated			
D.O.T. Hazard Class/ I.D. #/ Packing Group:	Not regulated			
D.O.T. Label:	None			
U.S. Surface Freight Class:	Not regulated			
Air Transportation:	Not regulated			
Section 15: Regulatory Information				
TSCA:	All ingredients are listed in the Toxic Substances Control Act inventory.			
OSHA:	None			
Clean Air Act:	Contains Diethylene glycol monobutyl ether (CAS 112-34-5)			
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			August 1, 2008