

MATERIAL SAFETY DATA SHEET

BBJ Environmental Solutions, Inc.
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I. PRODUCT IDENTIFICATION

PRODUCT NAME	PRODUCT CLASS
BBJ MicroBiocide®	Antimicrobial EPA 67212-1

II. HAZARDOUS INGREDIENTS

INGREDIENT	% BY WT.	CAS REG. NO.
2-bromo-2-nitropropane-1,3-diol Concentrate Package: After Dilution:	95.00 0.02	52-51-7

III. PHYSICAL DATA

BOILING POINT 320°F	SPECIFIC GRAVITY 0.98 at 20°C
FREEZING POINT -20°F	VAPOR PRESSURE 0.03 mm Hg
VAPOR DENSITY 5.14	APPEARANCE Blue to blue green liquid
PH@ 20°C 7.1	SOLUBILITY IN WATER BY WT. Complete
EVAPORATION RATE (Butyl Acetate=1) .13	ODOR Mild

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT Not Combustible	FLAMMABLE LIMITS N/A
EXTINGUISHING MEDIA Water, water fog	SPECIAL FIRE HAZARDS None

V. REACTIVITY DATA

STABLE [4] UNSTABLE []	HAZARDOUS POLYMERIZATION MAY OCCUR [] HAZARDOUS POLYMERIZATION WILL NOT OCCUR [4]
INCOMPATIBILITY Alkalis	
HAZARDOUS DECOMPOSITION PRODUCTS N/A	
CONDITIONS TO AVOID Strong Acids	

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Flood with water
DISPOSAL METHOD Flush into sewer or absorb and landfill (non hazardous)	

VII. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	None established
EFFECTS OF OVEREXPOSURE	Concentrated: Toxic by ingestion. Irritating to eyes and skin, but not a sensitizer. Primary routes of exposure are skin or eye contact. Diluted: None known
EYE	Flush with water for 15 minutes
SKIN	Wash with soap and water
INHALATION	N/A
INGESTION	Drink large quantities of water - call physician

VIII. PROTECTIVE EQUIPMENT

VENTILATION	N/A
RESPIRATORY PROTECTION	None required during handling and application
PROTECTIVE CLOTHING	Protective gloves (plastic or rubber) while mixing
EYE PROTECTION	Safety glasses while mixing and where splash danger exists

IX. OTHER SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Keep container closed
SPECIAL COMMENTS None	

PREPARED BY Robert G. BakerDATE June 22, 1999