

MATERIAL SAFETY DATA SHEET

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Citra-Shield BioCide RTU (Patent Pending)
ISSUE DATE: 06-14-12 **PRODUCT CODE:** CSB-RTU
MANUFACTURED FOR: C.U.G.
STREET ADDRESS: 1497 Rail Head Blvd
CITY, STATE ZIP: Naples, FL 34110

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	OSHA PEL/TLV	ACGIH TLV	STEL	OTHER LIMITS
Proprietary Cationic Surfactant Blend		NE	NE	NE
Proprietary CUG Inert Ingredient Blend		Unknown	Unknown	Unknown

SECTION III - Physical Data

BOILING POINT: 212
MELTING POINT: -55 C
VAPOR PRESSURE (MM HG.): NOT DETERMINED
VAPOR DENSITY (AIR=1): NOT DETERMINED
SOLUBILITY IN WATER: SOLUBLE
SPECIFIC GRAVITY (H2O=1): .99 %
VOLATILE BY VOLUME (%): 85%
EVAPORATION RATE: 1
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID, MILD CITRUS ODER
PH: 8.0-9.0

SECTION IV - Fire and Explosion Hazard Data

FLASH POINT: NONE FLAMMABLE
LIMITS: LEL: NONE **UEL:** NONE
EXTINGUISHING MEDIA: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: NONE UNUSUAL
FIRE AND EXPLOSION HAZARD: NONE

SECTION V - Health Hazard Data

EFFECTS OF OVEREXPOSURE: NONE
EYES: MILD IRRITATION
SKIN: MILD IRRITATION WITH PROLONGED CONTACT
INGESTION: NONE
INHALATION: NONE
EMERGENCY FIRST AID PROCEDURES:
SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH W/SOAP&WATER.
EYES: FLUSH EYES WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN.
INHALATION: NONE
INGESTION: NONE

SECTION VI - Reactivity Data

STABILITY: STABLE
INCOMPATIBILITIES: ANIONIC DETERGENTS & OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY GENERATE CO & CO2
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NA

SECTION VII - Spill and Disposal Procedures

SPILLS: SOAK UP ON ABSORBENT MATERIAL OR FLUSH AWAY WITH WATER.
DISPOSAL: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

SECTION VIII - Protective Equipment

RESPIRATORY: NONE
VENTILATION: LOCAL
EXHAUST: NONE
MECHANICAL: NONE
GLOVES: RUBBER GLOVES
EYES: CHEMICAL GOGGLES

SECTION IX - Storage and Handling Precautions

STORE IN COOL, DRY PLACE. KEEP FROM FREEZING. KEEP AWAY FROM FLAMES OR EXCESSIVE HEAT.

SECTION X - Transportation Data and Additional Information

DOT: NON HAZARDOUS

KEEP OUT OF REACH OF CHILDREN.

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