



MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLUE WAVE ELIMINATOR

PRODUCT DESCRIPTION: COPPER AND NITROGEN COMPOUNDS
UPDATED: 9/1/04

MANUFACTURER NAME: SUNCOAST CHEMICALS
MANUFACTURER ADDRESS: 14480 62nd ST. N.
CLEARWATER, FL 33760
MANUFACTURER PHONE: (727) 531-8913

SUPPLIER NAME AND ADDRESS: SUNCOAST CHEMICALS
14480 62nd ST. N.
CLEARWATER, FL 33760
SUPPLIER PHONE: (727) 531-8913

EMERGENCY PHONE - 24 HOURS: CALL CHEM-TEL, INC. (800) 255-3924

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	WT. %	OSHA PEL	ACGIH TLV	CAS REGISTRY#
CITRIC ACID	PROPRIETARY			77-92-9
COPPER CARBONATE	PROPRIETARY			12069-69-1
MONETHANOLAMINE	PROPRIETARY			141-43-5
TRIETHANOLAMINE	PROPRIETARY			102-71-6

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS

INHALATION: CAUSES RESPIRATORY TRACT IRRITATION. VAPORS OR MIST MAY CAUSE IRRITATION WITH PAIN, COUGHING AND DISCOMFORT TO NOSE, THROAT AND CHEST.

EYE CONTACT: CAUSE EYE IRRITATION.

SKIN CONTACT: CAUSES SKIN IRRITATION.

INGESTION: HARMFUL IF SWALLOWED.

HMIS HAZARD CODE: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 1
NFPA HAZARD CODE: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0

SECTION 4 FIRST AID MEASURES

INHALATION: IF INHALED, REMOVE TO FRESH AIR.

EYE CONTACT: IN CASE OF CONTACT, HOLD EYELIDS APART AND IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

SKIN CONTACT: RINSE THE AFFECTED AREA WITH TEPID WATER FOR AT LEAST 15 MINUTES.

INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: N/A

FLAMMABILITY CLASS: NOT FLAMMABLE

EXTINGUISHING MEDIA:
USE THE APPROPRIATE EXTINGUISHING MEDIA FOR THE SURROUNDING FIRE.

FIRE FIGHTING INSTRUCTIONS:
FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

SECTION 6 ACCIDENTAL RELEASE MEASURES

CONTAIN AND/OR ABSORB SPILL WITH INERT MATERIAL (E.G. SAND OR VERMICULITE). FLOOD AREA WITH WATER.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS:
KEEP OUT OF REACH OF CHILDREN. WASH HANDS THOROUGHLY AFTER HANDLING.

HANDLING PRECAUTIONS:
AVOID CONTACT WITH EYES. WASH HANDS BEFORE EATING, DRINKING OR SMOKING.

STORAGE PRECAUTIONS:
STORE IN A COOL DRY PLACE. KEEP OUT OF REACH OF CHILDREN.

WORK/HYGIENIC PRACTICES:
USE SAFE CHEMICAL HANDLING PROCEDURES SUITABLE FOR THE HAZARDS PRESENTED BY THIS MATERIAL.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS

LOCAL EXHAUST ACCEPTABLE. SPECIAL EXHAUST NOT REQUIRED.

EYE/FACE PROTECTION:

SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES RECOMMENDED.

SKIN PROTECTION:

CHEMICAL-RESISTANT GLOVES.

RESPIRATORY PROTECTION:

GENERAL ROOM VENTILATION IS NORMALLY ADEQUATE.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: BLUE VISCOUS LIQUID
ODOR: MILD

CHEMICAL TYPE: MIXTURE
PHYSICAL STATE: LIQUID
MELTING POINT: N/A
BOILING POINT: 212 deg F
SPECIFIC GRAVITY: 1.2
PERCENT VOLITILES: NOT ESTABLISHED
VAPOR PRESSURE: NOT DETERMINED
VAPOR DENSITY: >1
SOLUBILITY: SOLUBLE IN WATER
VISCOSITY: NOT ESTABLISHED
EVAPORATION: <1

SECTION 10 STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID:

THERMAL DECOMPOSITION MAY CAUSE OXIDES OF CARBON AND NITROGEN; AVOID STRONG ACIDS AND NITRITES.

SECTION 11 TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE.

SECTION 12 ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 14 TRANSPORT INFORMATION

DOT (Department Of Transportation)

PROPER SHIPPING NAME:	CORROSIVE LIQUID N.O.S.
UN/NA NUMBER:	UN 1760
HAZARD CLASS:	8
PACKING GROUP:	III

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SECTION 15 REGULATORY INFORMATION

CERTAIN STATE REGULATIONS IN PLACE

SECTION 16 OTHER INFORMATION

NONE

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