



## MATERIAL SAFETY DATA SHEET

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLUE WAVE TERMINATOR ALGAECIDE

DATE PREPARED: 12/01/04  
EPA REGISTRATION NO.: 46043-24

MANUFACTURER NAME: SUNCOAST CHEMICALS COMPANY  
MANUFACTURER ADDRESS: 14480 62<sup>ND</sup> STREET NORTH  
CLEARWATER, FL 33760  
MANUFACTURER PHONE: (727) 531-8913

SUPPLIER NAME AND ADDRESS: SUNCOAST CHEMICALS COMPANY  
14480 62<sup>ND</sup> STREET NORTH  
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 #
Poly[oxyethylene (dimethyliminio) ethylene dichloride]	30%	N/A	N/A	31512-74-0
Other ingredients	70%	N/A	N/A	Unknown

### SECTION 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

#### POTENTIAL HEALTH EFFECTS:

INHALATION: SLIGHTLY HAZARDOUS IN CASE OF INHALATION. EFFECTS WILL DEPEND ON CONCENTRATION AND LENGTH OF TIME OF EXPOSURE.

EYE CONTACT: IRRITANT (HAZARDOUS IN CASE OF EYE CONTACT)

SKIN CONTACT: NON-IRRITANT FOR SKIN. NON-SENSITIZER FOR SKIN.

INGESTION: INGESTION IS NOT EXPECTED TO BE A PRIMARY ROUTE OF EXPOSURE.

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

#### **SECTION 4. FIRST AID MEASURES**

- INHALATION:** IF EXPOSURE BY INHALATION IS SUSPECTED, IMMEDIATELY MOVE EXPOSED INDIVIDUAL TO FRESH AIR. IF INDIVIDUAL EXPERIENCES NAUSEA, HEADACHE, DIZZINESS, HAS DIFFICULTY IN BREATHING OR IS CYANOTIC, SEEK A HEALTH CARE PROFESSIONAL IMMEDIATELY.
- EYE CONTACT:** FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF TAP WATER OR NORMAL SALINE (MINIMUM OF 15 MINUTES). TAKE EXPOSED INDIVIDUAL TO A HEALTH CARE PROFESSIONAL FOR FURTHER EVALUATION.
- SKIN CONTACT:** WASH EXPOSED AREA WITH PLENTY OF WATER. REPEAT WASHING. REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY BEFORE REUSE. IF IRRITATION PERSISTS, CONSULT A HEALTH CARE PROFESSIONAL.
- INGESTION:** DO NOT INDUCE VOMITING. RINSE WITH COPIOUS AMOUNTS OF WATER OR MILK FIRST. IRRIGATE THE ESOPHAGUS AND DILUTE STOMACH CONTENTS BY SLOWLY GIVING ONE (1) TO TWO (2) GLASSES OF WATER OR MILK. AVOID GIVING ALCOHOL OR ALCOHOL RELATED PRODUCTS. IN CASES WHERE THE INDIVIDUAL IS SEMI-COMATOSE, COMATOSE OR CONVULSING, DO NOT GIVE FLUIDS BY MOUTH. IN CASE OF INTENTIONAL INGESTION OF THE PRODUCT, SEEK MEDICAL ASSISTANCE IMMEDIATELY; TAKE INDIVIDUAL TO NEAREST MEDICAL FACILITY.

#### **SECTION 5. FIRE FIGHTING MEASURES**

- FLAMMABLE LIMITS:** NOT AVAILABLE
- EXTINGUISHING MEDIA:** WATER FOG, CARBON DIOXIDE, DRY CHEMICALS
- SPECIAL FIREFIGHTING PROCEDURES:** FIRE FIGHTERS SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL TURNOUT GEAR.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

##### **SPILL AND LEAK PROCEDURES:**

MINIMIZE AREA AFFECTED BY THE SPILL OR LEAK. BLOCK ANY POTENTIAL ROUTES TO WATER SYSTEMS. CLAY, SOIL, OR COMMERCIALY AVAILABLE ABSORBENTS MAY BE USED TO RECOVER ANY MATERIAL THAT CANNOT READILY BE RECOVERED AS PURE PRODUCT. FLUSHING RESIDUAL MATERIAL TO AN INDUSTRIAL SEWER, IF PRESENT AT THE SITE OF A SPILL OR LEAK INCIDENT, MAY BE ACCEPTABLE IF AUTHORIZED APPROVAL IS OBTAINED. IF PRODUCT AND/OR SPILL/LEAK RESIDUALS ARE FLUSHED TO AN INDUSTRIAL SEWER, INSURE THAT THEY DO NOT COME INTO CONTACT WITH INCOMPATIBLE MATERIALS.

## **SECTION 7. HANDLING AND STORAGE**

HANDLING PROCEDURES: RUBBER GLOVES AND SAFETY GLASSES OR GOGGLES ARE RECOMMENDED. EYE WASH FOUNTAINS IN THE WORK PLACE ARE RECOMMENDED.

## **SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

ENGINEERING CONTROLS VENTILATION: NONE

PERSONAL PROTECTION RESPIRATOR: NIOSH APPROVED RESPIRATOR WITH ACID GAS CARTRIDGE AND DUST PRE-FILTER.

PROTECTIVE CLOTHING: CHEMICAL SAFETY GOGGLES, NATURAL OR SYNTHETIC RUBBER GLOVES, BOOTS, APRONS OR CHEMICAL SUITS.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: CLEAR, BROWN  
PHYSICAL STATE: LIQUID  
ODOR: SLIGHT

DENSITY: 1.069 g/cm<sup>3</sup> at 25 DEG C (77 DEG F)  
FLASH POINT: CLOSED CUP; >100 DEG C (212 DEG F) (PENSKY-MARTENS)  
MELTING/FREEZING POINT: NOT AVAILABLE  
BOILING POINT: >100 DEG C (212 DEG F)  
SOLUBILITY: EASILY SOLUBLE IN COLD WATER. EASILY SOLUBLE IN HOT WATER  
pH (NEAT): 6 [ACIDIC]  
pH (100 ppm in water): 6 – 7  
VAPOR PRESSURE: NOT AVAILABLE  
VISCOSITY: NOT AVAILABLE

## **SECTION 10. STABILITY AND REACTIVITY**

STABILITY: STABLE UNDER NORMAL CONDITIONS OF USE AND STORAGE.

INCOMPATIBILITY: NONE KNOWN

HAZARDOUS  
DECOMPOSITION  
PRODUCTS: OXIDES OF CARBON AND NITROGEN

## **SECTION 11. TOXICOLOGICAL INFORMATION**

NONE KNOWN

## **SECTION 12. ECOLOGICAL INFORMATION**

NO INFORMATION AVAILABLE

### **SECTION 13. DISPOSAL CONSIDERATIONS**

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

### **SECTION 14. TRANSPORT INFORMATION**

DOT (Department Of Transportation)

PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

UN/NA NUMBER: UN3082

HAZARD CLASS: 9

PACKING GROUP: III

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### **SECTION 15. REGULATORY INFORMATION**

NONE

### **SECTION 16. OTHER INFORMATION**

NONE

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