



## MATERIAL SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLUE WAVE SHIMMER

PRODUCT DESCRIPTION:  
DATE PREPARED: 4/15/05

MANUFACTURER NAME: SUNCOAST CHEMICALS CO.  
MANUFACTURER ADDRESS: 14480 62<sup>nd</sup> St. NORTH  
CLEARWATER FL 33760  
MANUFACTURER PHONE: (727) 531-8913

SUPPLIER NAME AND ADDRESS: SUNCOAST CHEMICALS CO.  
14480 62<sup>nd</sup> St. 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 #
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BASED ON BEST AVAILABLE INFORMATION, THIS PRODUCT DOES NOT CONTAIN ANY REPORTABLE OSHA HAZARDOUS MATERIALS.

### SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: SPILLS PRODUCE SLIPPERY SURFACES. HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. MAY CAUSE SKIN IRRITATION.

#### POTENTIAL HEALTH EFFECTS:

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

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

SKIN CONTACT: SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT). NON-SENSITIZER FOR SKIN. SKIN INFLAMMATION IS CHARACTERIZED BY ITCHING, SCALING, REDDENING, OR, OCCASIONALLY, BLISTERING.

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

CHRONIC: N/A

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

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

INHALATION: MOVE PERSON TO FRESH AIR.

EYE CONTACT: RINSE THOROUGHLY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS. IN CASE OF PERSISTENT EYE IRRITATION, CONSULT A PHYSICIAN.

SKIN CONTACT: WASH WITH WATER AND SOAP AS A PRECAUTION. IN CASE OF PERSISTENT SKIN IRRITATION, CONSULT A PHYSICIAN.

INGESTION: THIS PRODUCT IS NOT CONSIDERED TOXIC.

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

FLASHPOINT AND METHOD: N/A

GENERAL HAZARD: N/A

FIRE FIGHTING INSTRUCTIONS: FIREFIGHTERS SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL TURNOUT GEAR.

FIRE FIGHTING EQUIPMENT: WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL.

HAZARDOUS COMBUSTION PRODUCTS: N/A

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

INITIALLY MINIMIZE AREA AFFECTED BY THE SPILL OR LEAK. BLOCK ANY POTENTIAL ROUTES TO WATER SYSTEMS (E.G. SEWERS, STREAMS, LAKES, ETC.). BASED ON THE PRODUCT'S TOXICOLOGICAL AND CHEMICAL PROPERTIES, AND ON THE SIZE AND LOCATION OF THE SPILL OR LEAK, ASSESS THE IMPACT ON CONTAMINATED ENVIRONMENTS (E.G., WATER SYSTEMS, GROUND, AIR EQUIPMENT, ETC.). THERE ARE NO METHODS AVAILABLE TO COMPLETELY ELIMINATE ANY TOXICITY THIS PRODUCT MAY HAVE ON AQUATIC ENVIRONMENTS. MINIMIZE ADVERSE EFFECTS ON THESE ENVIRONMENTS.

CLAY, SOIL OR COMMERCIALY AVAILABLE ABSORBENTS MAY BE USED TO RECOVER ANY MATERIAL THAT CAN NOT READILY BE RECOVERED. 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, ENSURE THAT THEY DO NOT COME IN CONTACT WITH INCOMPATIBLE MATERIALS.

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

USE LOCAL EXHAUST IF MISTING OCCURS. NATURAL VENTILATION IS ADEQUATE IN ABSENCE OF MISTS. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. RUBBER GLOVES, SAFETY GLASSES WITH SIDE SHIELDS. DO NOT WEAR CONTACT LENSES. CHEMICAL RESISTANT APRON OR PROTECTIVE SUIT IF SPLASHING OR CONTACT WITH SOLUTION IS LIKELY. WASH HANDS BEFORE BREAKS AND END OF WORKDAY. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

NSF CERTIFICATION: THIS PRODUCT IS CERTIFIED BY NSF INTERNATIONAL TO NSF/ANSI STANDARD 60 AS A COAGULATION AND FLOCCULATION AID FOR USE IN POTABLE WATER SYSTEMS TO A MAXIMUM USE RATE OF 50 MG/L.

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

ENGINEERING CONTROLS VENTILATION: LOCAL EXHAUST

PERSONAL PROTECTION RESPIRATOR: IN CASE OF INSUFFICIENT VENTILATION WEAR SUITABLE RESPIRATORY EQUIPMENT.

PROTECTIVE CLOTHING: RUBBER GLOVES, SAFETY GLASSES WITH SIDE SHIELDS. DO NOT WEAR CONTACT LENSES. CHEMICAL RESISTANT APRON OR PROTECTIVE SUIT IF SPLASHING OR CONTACT WITH SOLUTION IS LIKELY.

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

APPEARANCE:	AMBER
PHYSICAL STATE:	LIQUID
ODOR:	SLIGHT
DENSITY:	1.04 G/CM <sup>3</sup>
FLASH POINT:	CLOSED CUP: >100°C (212°F). (TAGLIABUE.)
VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A
SPECIFIC GRAVITY:	N/A
SOLUBILITY IN WATER:	EASILY SOLUBLE IN COLD AND HOT WATER.
EVAPORATION RATE:	N/A
pH:	Ph RANGE NEAT IS 5 - 7
BOILING POINT:	N/A
FREEZING POINT:	N/A
VISCOSITY:	1000-3000 CPS

## **SECTION 10 STABILITY AND REACTIVITY**

GENERAL: STABLE UNDER NORMAL CONDITIONS

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: OXIDIZING AGENTS MAY CAUSE EXOTHERMIC REACTION.

HAZARDOUS DECOMPOSITION: HYDROGEN CHLORIDE GAS, NITROGEN OXIDES, CARBON OXIDES.

## **SECTION 11 TOXICOLOGICAL INFORMATION**

NOEL / ORAL/ RAT 90-DAY=5000 MG/KG

TWO YEAR FEEDING STUDY ON RATS AND DOGS DID NOT REVEAL ANY ADVERSE HEALTH EFFECTS.

NOT MUTAGENETIC IN AMES TEST.

NOT MUTAGENETIC IN MICRONUCLEUS TEST ON MICE.

NOT TERATOGENIC, NOEL = 175 MG/KG.

## **SECTION 12 ECOLOGICAL INFORMATION**

LC50 = >10 MG/L 96 HOURS DANIO RERIO

LC50 = > 10 MG/L 48 HOURS DAPHNIA MAGNA

### **SECTION 13 DISPOSAL CONSIDERATIONS**

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

### **SECTION 14 TRANSPORT INFORMATION**

DOT (Department Of Transportation)

PROPER SHIPPING NAME:	NOT REGULATED.
UN/NA NUMBER:	N/A
HAZARD CLASS:	N/A
PACKING GROUP:	N/A

### **SECTION 15 REGULATORY INFORMATION**

N/A

### **SECTION 16 OTHER INFORMATION**

NONE

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