



## MATERIAL SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLUE WAVE CHLORINATING GRANULES  
PRODUCT DESCRIPTION: DI-CHLOR

DATE PREPARED: 4/25/05

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#
SODIUM DICHORO-S- TRIAZINETRIONE DIHYDRATE	99	N/A	N/A	51580-86-0
OTHER INGREDIENTS	1	N/A	N/A	N/A

### SECTION 3 HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

#### POTENTIAL HEALTH EFFECTS

INHALATION: IRRITATING TO NOSE, MOUTH, THROAT AND LUNGS. MAY CAUSE BURNS TO RESPIRATORY TRACT.

EYE CONTACT: SEVERE IRRITATION AND/OR BURNS

SKIN CONTACT: SEVERE IRRITATION AND /OR BURN CHARACTERIZED BY REDNESS, SWELLING AND SCAB FORMATION.

INGESTION: IRRITATION AND BURNS CAN OCCUR TO THE GASTROINTESTINAL TRACT, STOMACH AND INTESTINES.

CHRONIC: REPEATED SKIN EXPOSURE MAY CAUSE TISSUE DESTRUCTION. INHALATION EXPOSURE MAY CAUSE IMPAIRMENT OF LUNG FUNCTION AND PERMANENT LUNG DAMAGE.

HMS HAZARD CODE: HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 1  
NFPA CODE: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 1

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

INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN, KEEP THE PERSON WARM AND AT REST. CALL A PHYSICIAN.

EYE CONTACT: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS. CALL A PHYSICIAN AT ONCE.

SKIN CONTACT: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN. IF CLOTHING COMES IN CONTACT WITH THE PRODUCT, REMOVE IMMEDIATELY AND LAUNDRER BEFORE RE-USE.

INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY DRINK LARGE QUANTITIES OF WATER. CALL A PHYSICIAN AT ONCE. DO NOT GIVE ANYTHING BY MOUTH IF THE PERSON IS UNCONSCIOUS OR IF HAVING CONVULSIONS.

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

FLASHPOINT AND METHOD: N/A

GENERAL HAZARD: USE WATER TO COOL CONTAINERS EXPOSED TO FIRE. ON SMALL FIRES, USE WATER SPRAY OR FOG. ON LARGE FIRES, USE HEAVY DELUGE OR FOG STREAMS. FLOODING AMOUNTS OF WATER MAY BE REQUIRED BEFORE EXTINGUISHMENT CAN BE ACCOMPLISHED. **DO NOT** USE DRY CHEMICAL EXTINGUISHERS CONTAINING AMMONIA COMPOUNDS.

FIRE FIGHTING INSTRUCTIONS: USE SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE AND PROTECTIVE CLOTHING.

FIRE FIGHTING EQUIPMENT: WATER SPRAY OR FOG

HAZARDOUS COMBUSTION PRODUCTS: NONE

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

DO NOT CONTAMINATE SPILL MATERIAL WITH ANY ORGANIC MATERIALS, AMMONIA, AMMONIUM SALTS OR UREA. CLEAN UP ALL SPILL MATERIAL WITH CLEAN, DRY DEDICATED EQUIPMENT AND PLACE IN A CLEAN, DRY CONTAINER. IF SPILLED MATERIAL IS DRY, DO NOT PUT WATER DIRECTLY ON IT.

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

STORE IN A COOL, DRY, WELL-VENTILATED AREA. DO NOT STORE AT TEMPERATURES ABOVE 60 DEG. C/140 DEG. F. PRODUCT HAS AN INDEFINITE SHELF LIFE IF STORED AT ROOM TEMPERATURE.

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

ENGINEERING CONTROLS

VENTILATION: LOCAL EXHAUST

PERSONAL PROTECTION

RESPIRATOR: MSHA-NIOSH APPROVED FULL FACEPIECE RESPIRATOR EQUIPPED WITH CHLORINE CARTRIDGES AND A DUST/MIST TYPE PREFILTER.

PROTECTIVE CLOTHING: NEOPRENE GLOVES, CHEMICAL SAFETY GLASSES OR GOGGLES, APRON AND IMPERMEABLE CLOTHING SAFETY SHOWER AND EYEWASH STATION IN WORK AREA.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: WHITE GRANULAR  
ODOR: MILD CHLORINE  
PHYSICAL STATE: SOLID

VAPOR PRESSURE: N/A  
VAPOR DENSITY: N/A  
SPECIFIC GRAVITY: 0.96 @ 20 DEG. C  
SOLUBILITY IN WATER: 29% @ 130 DEG. C  
EVAPORATION RATE: N/A  
pH: 6.0-6.5  
BOILING POINT: N/A  
FREEZING POINT: N/A  
VISCOSITY: N/A

## SECTION 10 STABILITY AND REACTIVITY

GENERAL: STABLE UNDER NORMAL CONDITIONS.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: OTHER OXIDIZERS, ORGANIC MATERIALS, REDUCING AGENTS, ACIDS, BASES, NITROGEN CONTAINING COMPOUNDS, DRY FIRE EXTINGUISHERS CONTAINING MONO-AMMONIUM PHOSPHATES.

HAZARDOUS DECOMPOSITION: NITROGEN TRICHLORIDE, CHLORINE, CARBON MONOXIDE

## SECTION 11 TOXICOLOGICAL INFORMATION

INHALATION: LC50 - > 50 MG/L (1 HOUR, RATS - NOMINAL CONCENTRATION)  
ORAL: LD50 - 738 MG/KG (RAT)  
DERMAL: LD50 - > 2G/KG (RABBIT)  
IRRITATION: CAUSES BURNS TO EYES AND SKIN

NOT A KNOWN CARCINOGEN

## SECTION 12 ECOLOGICAL INFORMATION

NONE

## SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSE OF ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL 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

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

## SECTION 15 REGULATORY INFORMATION

NONE

## SECTION 16 OTHER INFORMATION

NONE

**Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).