



## MATERIAL SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLUE WAVE SPA ALKALINITY UP

PRODUCT DESCRIPTION:  
DATE PREPARED: 4/25/05

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

SUPPLIER NAME AND ADDRESS: SUNCOAST CHEMICALS COMPANY  
14480 62ND 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 BICARBONATE	100%	N/A	N/A	144-55-8

### SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW WHITE CRYSTALLINE POWDER, NO ODOR, NOT A FIRE HAZARD, NO SIGNIFICANT HEALTH OR ENVIRONMENTAL EFFECTS ASSOCIATED WITH THIS MATERIAL.

#### POTENTIAL HEALTH EFFECTS

INHALATION: NONE KNOWN

EYE CONTACT: N/A

SKIN CONTACT: N/A

INGESTION: MATERIAL IS NON-TOXIC. SMALL AMOUNTS (1-2 TABLESPOONFULS) SWALLOWED DURING NORMAL HANDLING OPERATIONS ARE NOT LIKELY TO CAUSE INJURY AS LONG AS STOMACH IS NOT OVERLY FULL; SWALLOWING LARGER AMOUNTS MAY CAUSE INJURY

CHRONIC: N/A

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

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

INHALATION: N/A

EYE CONTACT: CHECK FOR AND REMOVE CONTACTS. FLOOD EYES WITH CLEAN FLOWING WATER, LOW PRESSURE AND LUKE WARM (NOT HOT) IF POSSIBLE, OCCASIONALLY LIFTING EYELIDS.

SKIN CONTACT: N/A

INGESTION: IF LARGE AMOUNTS OF THIS MATERIAL ARE SWALLOWED, DO NOT INDUCE VOMITING. ADMINISTER WATER IF PERSON IS CONSCIOUS. NEVER GIVE ANYTHING BY MOUTH TO AND UNCONSCIOUS PERSON.

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

FLASHPOINT AND METHOD: NOT COMBUSTIBLE

GENERAL HAZARD: NONE KNOWN

FIRE FIGHTING INSTRUCTIONS: CARBON DIOXIDE MAY BE GENERATED MAKING NECESSARY THE USE OF A SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL PROTECTIVE EQUIPMENT (BUNKER GEAR). CARBON DIOXIDE IS AND ASPHYXIANT AT LEVELS OVER 5% W/W. SODIUM OXIDE, ANOTHER THERMAL DECOMPOSITION PRODUCT EXISTING AT TEMPERATURES ABOVE 1564°F IS A RESPIRATORY, EYE, AND SKIN IRRITANT. AVOID INHALATION, EYE AND SKIN CONTACT WITH SODIUM OXIDE DUSTS.

FIRE FIGHTING EQUIPMENT: NON-COMBUSTIBLE MATERIAL. USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

HAZARDOUS COMBUSTION PRODUCTS: HEATING ABOVE 228°F MAY CAUSE DANGEROUS LEVELS OF CARBON DIOXIDE GAS TO BE PRESENT IN CONFINED SPACES. YIELDS SODIUM OXIDE IF EXPOSED TO TEMPERATURES ABOVE 1564°F. AVOID INHALATION, EYE AND SKIN CONTACT WITH SODIUM OXIDE.

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

SCOOP UP INTO DRY, CLEAN CONTAINERS. WASH AWAY UNCONTAMINATED RESIDUE WITH WATER.

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

STORE IN COOL, DRY AREAS AND AWAY FROM INCOMPATIBLE SUBSTANCES.

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

ENGINEERING CONTROLS  
VENTILATION: N/A

PERSONAL PROTECTION  
RESPIRATOR: DUST MASK REQUIRED IF TOTAL DUST LEVEL EXCEEDS 10 mg/m<sup>3</sup>  
PROTECTIVE CLOTHING: IMPERVIOUS GLOVES, SAFETYGLASSES, FULL COVER COTHING.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	N/A	VAPOR DENSITY:	N/A
SPECIFIC GRAVITY:	2.2	PHYSICAL STATE:	SOLID
SOLUBILITY IN WATER:	8.6g/100ML @ 68°F	EVAPORATION RATE:	N/A
pH:	N/A	BOILING POINT:	N/A
FREEZING POINT:	N/A	VISCOSITY:	N/A
ODOR:	NONE	APPEARANCE:	WHITE CRYSTALLINE POWDER

## SECTION 10 STABILITY AND REACTIVITY

GENERAL: STABLE

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: REACTS WITH ACIDS, MAY YIELD FREE CAUSTIC IN PRESENCE OF LIME DUST AND MOISTURE.

HAZARDOUS DECOMPOSITION: HEATING ABOVE 228°F MAY CAUSE DANGEROUS LEVELS OF CARBON DIOXIDE GAS TO BE PRESENT IN CONFINED SPACES. YIELDS SODIUM OXIDE IF EXPOSED TO TEMPERATURES ABOVE 1564°F.

## SECTION 11 TOXICOLOGICAL INFORMATION

NONE

## SECTION 12 ECOLOGICAL INFORMATION

NONE

## 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:	SODIUM BICARBONATE
UN/NA NUMBER:	NONE
HAZARD CLASS:	NONE
PACKING GROUP:	NONE

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

## SECTION 15 REGULATORY INFORMATION

NONE

## SECTION 16 OTHER INFORMATION

NONE