



MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLUE WAVE ALKALINITY INCREASER

PRODUCT DESCRIPTION:
DATE PREPARED: 4/25/05

MANUFACTURER NAME: SUNCOAST CHEMICALS COMPANY
MANUFACTURER ADDRESS: 14480 62ND 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/m³
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

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SECTION 15 REGULATORY INFORMATION

NONE

SECTION 16 OTHER INFORMATION

NONE