

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLUE WAVE PH INCREASER

PRODUCT DESCRIPTION: SODIUM BICARBONATE
UPDATED: 4/25/05

MANUFACTURER NAME: SUNCOAST CHEMICALS COMPANY
MANUFACTURER ADDRESS: 14480 62ND STREET 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 CARBONATE	N/A	NOT EST	NOT EST	144-55-8

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS

INHALATION: LOW ACUTE INHALATION TOXICITY. MAY CAUSE COUGHING OR UPPER RESPIRATORY TRACT IRRITATION.

EYE CONTACT: SLIGHTLY IRRITATING.

SKIN CONTACT: SLIGHTLY IRRITATING.

INGESTION: LOW ACUTE ORAL TOXICITY. MAY CAUSE NAUSEA, VOMITING AND ABDOMINAL PAIN.

CHRONIC: NONE KNOWN

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

SECTION 4 FIRST AID MEASURES

INHALATION: REMOVE VICTIM FROM IMMEDIATE SOURCE OF EXPOSURE AND ASSURE THAT THE VICTIM IS BREATHING. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN, IF AVAILABLE. IF VICTIM IS NOT BREATHING, ADMINISTER CPR. SEEK MEDICAL ATTENTION.

EYE CONTACT: IN CASE OF CONTACT, HOLD EYELIDS APART AND IMMEDIATELY FLUSH EYES WITH A STEADY, GENTLE STREAM OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS OR IF VISUAL CHANGES OCCUR.

SKIN CONTACT: IN CASE OF CONTACT, IMMEDIATELY WASH WITH PLENTY OF SOAP AND WATER FOR AT LEAST 5 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. REMOVE CONTAMINATED CLOTHING AND SHOES. CLEAN CONTAMINATED CLOTHING AND SHOES BEFORE RE-USE.

INGESTION: IF VICTIM IS CONSCIOUS AND ALERT, GIVE 2-3 GLASSES OF WATER TO DRINK AND INDUCE VOMITING BY TOUCHING BACK OF THROAT WITH FINGER. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK IMMEDIATE MEDICAL ATTENTION. DO NOT LEAVE VICTIM UNATTENDED. VOMITING MAY OCCUR SPONTANEOUSLY. TO PREVENT ASPIRATION OF SWALLOWED PRODUCT, LAY VICTIM ON SIDE WITH HEAD LOWER THAN WAIST. IF VOMITING OCCURS AND THE VICTIM IS CONSCIOUS, GIVE WATER TO FURTHER DILUTE THE CHEMICAL.

NOTE TO PHYSICIAN: ALL TREATMENTS SHOULD BE BASED UPON OBSERVED SIGNS AND SYMPTOMS OF DISTRESS IN THE PATIENT. CONSIDERATION SHOULD BE GIVEN TO THE POSSIBILITY THAT OVEREXPOSURE TO MATERIALS OTHER THAN THIS PRODUCT MAY HAVE OCCURRED.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: N/A

FLAMMABILITY CLASS: NOT FLAMMABLE

FIRE AND EXPLOSION HAZARDS:
NOT COMBUSTIBLE

EXTINGUISHING MEDIA:
USE THE APPROPRIATE EXTINGUISHING MEDIA FOR THE SURROUNDING FIRE.

FIRE FIGHTING INSTRUCTIONS:
FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

THIS MATERIAL IS USED AS A DRY POWDER EXTINGUISHING AGENT FOR ALL CLASSES OF FIRE.

SECTION 6 ACCIDENTAL RELEASE MEASURES

SWEEP UP AND TRANSFER TO AN APPROPRIATE CLOSED CONTAINER.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. DO NOT STORE WITH ACIDS. KEEP CONTAINERS TIGHTLY CLOSED. STORE MATERIAL IN A COOL AND DRY PLACE.

HANDLING PRECAUTIONS:

AVOID DIRECT OR PROLONGED CONTACT WITH SKIN AND EYES. AVOID BREATHING DUSTS.

STORAGE PRECAUTIONS:

KEEP AWAY FROM ACIDS. STORE IN A COOL DRY PLACE.

WORK/HYGIENIC PRACTICES:

USE SAFE CHEMICAL HANDLING PROCEDURES SUITABLE FOR THE HAZARDS PRESENTED BY THIS MATERIAL.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS

USE WITH ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION.

EYE/FACE PROTECTION:

SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES RECOMMENDED.

SKIN PROTECTION:

CHEMICAL-RESISTANT GLOVES AND SUITABLE LONG SLEEVED CLOTHING.

RESPIRATORY PROTECTION:

UNDER NORMAL CONDITIONS, IN THE ABSENCE OF OTHER AIRBORNE CONTAMINANTS, THE FOLLOWING DEVICES SHOULD PROVIDE PROTECTION FROM THIS MATERIAL UP TO THE CONDITIONS SPECIFIED BY THE APPROPRIATE OSHA, WHMIS OR ANSI STANDARD: AIR PURIFYING (HALF MASK/FULL FACE) RESPIRATOR WITH CARTRIDGES/CANISTER APPROVED FOR USE AGAINST DUST, MISTS AND FUMES.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

SOLID

APPEARANCE:

WHITE POWDER

ODOR:

ODORLESS

CHEMICAL TYPE:

MIXTURE

MELTING POINT:

NOT AVAILABLE

BOILING POINT:

NOT AVAILABLE

MOLECULAR WEIGHT:84

VAPOR PRESSURE:

NOT AVAILABLE

VAPOR DENSITY:

NOT AVAILABLE

pH FACTOR:

8.5 AT A CONCENTRATION OF 1% SOLUTION IN WATER

SOLUBILITY:

SOLUBLE 9.5% wt/wt% at 20C (68F)

SECTION 10 STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: ELEVATED TEMPERATURES; HEAT

INCOMPATIBLE MATERIALS: MOISTURE, STRONG ACIDS AND STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON

SECTION 11 TOXICOLOGICAL INFORMATION

EYE EFFECTS: IRRITATION

SKIN: SKIN IRRITATION

CHRONIC:

THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES THAT ARE CONSIDERED BY OSHA, NTP, IARC OR ACGIH TO BE "PROBABLE" OR "SUSPECTED" HUMAN CARCINOGENS.

CONDITIONS AGGRAVATED BY EXPOSURE:

INHALATION OF PRODUCT MAY AGGRAVATE EXISTING CHRONIC RESPIRATORY PROBLEMS SUCH AS ASTHMA, EMPHYSEMA OR BRONCHITIS. SKIN CONTACT MAY AGGRAVATE EXISTING SKIN DISEASE.

SECTION 12 ECOLOGICAL INFORMATION

NO DATA FOUND FOR PRODUCT.

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:	NOT REGULATED
UN/NA NUMBER:	NOT REGULATED
HAZARD CLASS:	NOT REGULATED
PACKING GROUP:	NOT REGULATED

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SECTION 15 REGULATORY INFORMATION

NONE

SECTION 16 OTHER INFORMATION

NONE

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