

Safety Data Sheet (SDS) for:

SECTION 1: IDENTIFICATION	
PRODUCT NAME:	VITA-CHEM FRESH / VITA-CHEM MARINE
SDS NUMBER:	ZBI0002
SYNONYMS/OTHER MEANS OF IDENTIFICATION:	971350-80-670
INTENDED USE:	FRESHWATER AND MARINE TROPICAL FISH
MANUFACTURER:	BOYD ENTERPRISES 4801 JOHNSON RD. STE. 10 COCONUT CREEK , FLORIDA 33073
EMERGENCY HEALTH AND SAFETY NUMBER:	LOCAL POISON CONTROL CENTER
SDS INFORMATION:	BOYD ENTERPRISES 4801 JOHNSON RD. STE. 10 COCONUT CREEK , FLORIDA 33073

SECTION 2: HAZARD(S) IDENTIFICATION
CLASSIFICATION: NOT A CLASSIFIED HAZARD
LABEL ELEMENTS:
SIGNAL WORD: N/A DUE TO FDA LABELING EXEMPTION
HAZARD STATEMENT(S):
EYE IRRITANT. MAY CAUSE BREATHING DIFFICULTIES IF INHALED.
PRECAUTIONARY STATEMENT(S):
MAY BE CHEMICAL EYE IRRITANT. RINSE EYES WITH WATER FOR SEVERAL MINUTES. AVOID BREATHING AEROSOLS. EXCESSIVE INHALATION MAY AFFECT NOSE THROAT, AND LUNGS.
EMERGENCY OVERVIEW:
MAY BE CHEMICAL IRRITANT TO EYES. EXCESSIVE INHALATION OF FEED AEROSOLS MAY AFFECT NOSE THROAT, AND LUNGS.

EXPLOSION HAZARD:

NONE KNOWN, UNLESS SUBJECTED TO INTENSE HEAT AND RESULTING STEAM PRESSURES ARE ALLOWED TO BUILD WITHIN A CONFINED SPACE.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**COMPONENT****CASRN****CONCENTRATION**

LIQUID FROM PREPARED AQUACULTURE SUPPLEMENT (WATER, LIPIDS, AMINO ACIDS, VITAMINS)
100%

SECTION 4: FIRST-AID MEASURES**INHALATION:**

REMOVE PERSON FROM EXPOSURE. SEEK MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY.

INGESTION:

IF SWALLOWED, GIVE SEVERAL GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONTACT POISON CONTROL AND/OR MEDICAL PERSONNEL FOR POSSIBLE VITAMIN TOXICITIES.

SKIN CONTACT:

WASH AFFECTED SKIN WITH SOAP AND WATER.

EYE CONTACT:

FLUSH EYES WITH WATER. SEEK MEDICAL ATTENTION AS NEEDED.

SECTION 5: FIRE FIGHTING MEASURES**HAZARDOUS COMBUSTION PRODUCTS:**

NOT LIKELY SINCE COMPOSED OF GREATER THAN 75% WATER.

SPECIAL FIRE FIGHTING PROCEDURES:

EXTINGUISH WITH WATER, DRY CHEMICAL POWDERS OR FOAM.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN

SECTION 6: ACCIDENTAL RELEASE MEASURES

CLEAN UP SMALL SPILLS WITH SORBANT MATERIALS. LARGER SPILLS CAN BE DILUTED AND DIRECTED TO DRAINS CONNECTED TO A MUNICIPAL WASTE WATER TREATMENT FACILITY. ABSENCE OF APPROPRIATE DRAINS, DILUTE WITH COPIOUS AMOUNTS OF WATER. IF DILUTED, SHOULD NOT POSE A THREAT TO AQUATIC LIFE.

SECTION 7: HANDLING AND STORAGE

STORE IN AIR TIGHT CONTAINERS OUT OF SUNLIGHT, IN A COOL PLACE. EXPOSURE TO AIR, SUNLIGHT, AND HEAT WILL CAUSE NUTRIENT DEGRADATION OVER TIME.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: MAY CAUSE IRRITATION OF THE NASAL MEMBRANES OR THE UPPER RESPIRATORY TRACT SINCE IT IS IN LIQUID FORM WHICH COULD BE READILY ABSORBED INTO TISSUES AND MEMBRANES. AVOID CONDITIONS MAKING IT AN AEROSOL.

VENTILATION: LOCAL EXHAUST: IF NEEDED

MECHANICAL (GENERAL): IF NEEDED

ENSURE THAT HANDLING AND PROCESSING SYSTEMS ARE DESIGNED IN A MANNER TO PREVENT ELECTRICAL HAZARDS IN THE WORK AREAS. USE ONLY APPROPRIATELY CLASSIFIED ELECTRICAL EQUIPMENT FOR WET AREAS AS PER THE ELECTRICAL CODE IN YOUR AREA.

PROTECTIVE GLOVES: LATEX OR SIMILAR TYPE GLOVES SUGGESTED TO PREVENT ADSORPTION BY THE SKIN IF THERE IS PROLONGED EXPOSURE.

EYE PROTECTION: SAFETY GLASSES / GOGGLES SUGGESTED TO PREVENT ACCIDENTAL EYE SPLASH.

WORK/ HYGIENIC PRACTICES: GOOD PERSONAL HYGIENE PRACTICES SHOULD BE FOLLOWED. WASH HANDS AND FACE BEFORE EATING, DRINKING, ETC.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT (METHOD): N/A

FLAMMABLE LIMITS: LEL: VARIABLE UEL: UNKNOWN

AUTOIGNITION TEMPERATURE: UNKNOWN

APPEARANCE: YELLOWISH LIQUID IN APPEARANCE WITH PERHAPS A SWEET ODOR

SOLID CONTENTS: <25%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: UNSTABLE: CONDITION TO AVOID: AVOID SUBJECTING TO SUNLIGHT, HEAT, OR ALLOW TO STAND OPEN TO THE ATMOSPHERE FOR SIGNIFICANT AMOUNTS OF TIME. WILL AFFECT THE NUTRITION OF THE PRODUCT.

STABLE: X

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION: MAY OCCUR: CONDITION TO AVOID: N/A
WILL NOT OCCUR: X

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: INHALATION: X SKIN: X EYES: X INGESTION: UNLIKELY
CARCINOGENICITY: NTP: NO ARC MONOGRAPHS: NO OSHA REGULATED: NO

ACUTE: MAY BE CHEMICAL IRRITANT TO SKIN AND EYES.

CHRONIC: REPEATED AND PROLONGED DIRECT CONTACT MAY CAUSE VITAMIN SENSITIVITIES OR TOXICITIES.

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION TO THE SKIN, EYES, NOSE OR THROAT MAY OCCUR.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: DERMATOLOGICAL CONDITIONS.

SECTION 12: ECOLOGICAL INFORMATION: (NON-MANDATORY)

SECTION 13: DISPOSAL CONSIDERATIONS: (NON-MANDATORY)

SECTION 14: TRANSPORT INFORMATION: (NON-MANDATORY)

SECTION 15: REGULATORY INFORMATION: (NON-MANDATORY)

ALL ELECTRICAL EQUIPMENT MUST BE SUITABLE FOR USE IN WET ENVIRONMENTS. THE NATIONAL ELECTRICAL CODE, NFPA 70, CONTAINS GUIDELINES FOR DETERMINING THE TYPE AND DESIGN OF EQUIPMENT AND INSTALLATION, WHICH WILL MEET THIS REQUIREMENT.

THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. SECTION (B)(5)(III) OF THE HCS (CFR 1910.1200) EXEMPTS FOOD, INCLUDING FEED, FROM THE LABELING REQUIREMENTS OF THE HCS SINCE THE FOOD/FEED IS SUBJECT TO THE LABELING REQUIREMENTS OF THE FOOD & DRUG ADMINISTRATION.

SECTION 16: OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE TRUE. RECOGNIZE THAT THIS SDS IS MEANT TO SERVE AS A GUIDE AND MAY NOT BE ALL INCLUSIVE. THIS COMPANY SHALL NOT BE HELD LIABLE FOR ANY DAMAGE FROM HANDLING AND/OR CONTACT WITH THE ABOVE MATERIAL. IT IS UP TO THE PURCHASER TO FOLLOW ALL MANUFACTURER'S INSTRUCTIONS AND ASSESS THE RISKS IDENTIFIED ABOVE IN CONJUNCTION WITH LOCAL HEALTH AND SAFETY REGULATIONS.