

Material Safety Data Sheet

COMPANY INFORMATION AND PRODUCT DESCRIPTION

Sea-Shield Inc. 6110 33 rd Street East Bradenton, FL 34203 P: 800 673 8886 F: 619 330 0656	Product Name:	Sea-Shield Nano Fresh
	Part Number	SEA-NF32 SEA-NF1
	Revised Date:	10-2010

INGREDIENTS INFORMATION/COMPOSITION

Chemical Name	CAS Number	Percent
Water	CAS# 7732-18-5	Balance
Methyl Alcohol	CAS# 67-56-1	<3%

PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	Liquid	Specific Gravity	25C 0.865
Odor, Color, Grade	Light Orange	Solubility in Water	Yes
Boiling Point	>95 degrees C	pH	6-7.5
Physical Appearance	Light Orange Liquid	Flash Point	195 degrees F
Percent Volatiles	<3%	Viscosity	145 mm ² /s
Evaporation rate		Flammability	Nonflammable
Explosive Properties		Oxidation Properties	

HAZARDS AND FIRST AID MEASURES

Skin:	Flush exposed area with water. Remove all contaminated clothing. Prolonged or repeated contact can cause moderate irritation.
Breathing:	Excessive inhalation can cause nasal and respiratory irritation and or damage, dizziness, nausea, headache, and possible unconsciousness.
Eyes:	Flood with large amounts water at least 20 min.; get immediate medical attention if irritation persists. Can cause severe irritation, redness, tearing, and blurred vision.
Inhalation:	If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, calm, and get medical attention. Treat same as methyl alcohol poisoning.
Swallowing:	Can Cause, nausea, vomiting, and diarrhea. Do not induce vomiting. Aspiration of liquid while vomiting may injure lungs seriously. Overexposure by ingestion may cause drowsiness, dizziness or confusion. Seek Medical Attention immediately Product generates methyl alcohol which may cause blindness and possibly death if swallowed.

FIRE FIGHTING MEASURES

Firefighting Procedure. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Evacuate area in case of overheating or fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Static electricity will accumulate and may ignite vapors. Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde.

PERSONAL PROTECTION

Health	2	Flammability	0	Reactivity	0
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Respiratory Protection: If workplace exposure limits of the product or any component are exceeded, a NIOSH/MSHA respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirator (negative pressure type) under specific conditions. (See your industrial hygienist) Engineering of administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s). Protective

Gloves: Wear resistant gloves. (Consult your safety equipment supplier).

Eye Protection: Compliance with OSHA regulations is advised.

Other Protective Equipment: To prevent skin contact, wear impervious clothing.

STABILITY AND REACTIVITY			
Stability	Stable	Materials and conditions to Avoid	Avoid contact with strong oxidation agents.
Hazardous Polymerization:	Cannot occur.		
Hazardous Decomposition:			
TRANSPORTATION INFORMATION			
No special shipping requirements. Keep away from food stuffs.			
REGULATORY INFORMATION			
Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.			
TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA inventory of chemical substances.			
EPA SARA Title III chemical listings.			
Section 302 Extremely hazardous substances: None			
Section 304 CERCLA hazardous substances: None			
Section 312 hazard class: Acute: Yes Chronic: Yes Fire: No Pressure: No Reactive: No			
Section 313 toxic chemicals: Methyl alcohol (67-56-1) < 3% by Wt.			
DISPOSAL CONSIDERATIONS			
Dispose of in accordance with all local, state, and federal regulations.			
SPILL OR LEAK PROCEDURES			
Shut off ignitions sources. Stop spill at source, contain spill and keep from entering waterways or sewers. Small quantities may be soaked up on inert absorbents.			
SPECIAL PRECAUTIONS AND OTHER COMMENTS			
California:			
Warning: This product contains the following chemicals listed by the State of California under the safe drinking water and toxic enforcement act of 1986 proposition 65 as being known to cause cancer, birth defects or other reproductive harm None Known.			
The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. Any material supplied is the sole responsibility of the user. All materials may present unknown health hazards and we cannot guarantee that the hazards listed herein are the only hazards that exist.			