

Bio-Fresh

MSDS Number: I87C

Revision Date: 5/7/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc.
5734 Susitna Dr.
Harahan, LA 70123

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Product Name: Bio-Fresh
Revision Date: 5/7/2015
MSDS Number: I87C
Product Code: I87
Product Use: Odor Elimination System

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2 HAZARDS IDENTIFICATION

- Route of Entry:** Skin absorption, ingestion, inhalation, eye
- Inhalation:** Inhalation of generated mist can cause nasal and respiratory irritation.
- Skin Contact:** Prolonged contact may cause irritation. Bacterial infection may occur through open wounds or broken skin.
- Eye Contact:** Can cause irritation.
- Ingestion:** Harmful if swallowed.

PERSONAL PROTECTION INDEX									
A									
B		+							
C		+		+					
D		+		+					
E		+		+					
F		+		+		+			
G		+		+					
H		+		+		+			
I		+		+					
J		+		+		+			
K		+		+		+			
X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions								
A		n		o		p		q	
t		u		w		y		z	
Additional Information									

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GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

- Health, Acute toxicity, 4 Oral
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 B
- Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H320 - Causes eye irritation
- H335 - May cause respiratory irritation

GHS Precautionary Statements:

- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P262 - Do not get in eyes, on skin, or on clothing.
- P264 - Wash thoroughly after handling.
- P281 - Use personal protective equipment as required.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P337 - If eye irritation persists: Get medical advice/attention.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
NA	Fragrance-Surfactant Blend	10-20%	NA	NA	D

*This product is proprietary blend and chemical identity is withheld as trade secret as per CFR 1910.1200

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4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention.
- Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

5 FIRE FIGHTING MEASURES

- Flammability:** Not determined
- Flash Point:** Not available

Extinguishing media: Foam, dry chemical, carbon dioxide, water.

Special fire fighting procedures: Keep containers cool with water spray. Wear a self-contained breathing apparatus and protective clothing for fighting if necessary.

Unusual Fire & Explosion Hazards: None

6 ACCIDENTAL RELEASE MEASURES

Absorb with suitable medium. Small spills may be absorbed with non reactive absorbent (sand) and placed in a suitable, covered, labeled container. For large spills, provide diking or other appropriated container to keep material from spreading.

7 HANDLING AND STORAGE

- Handling Precautions:** Use personal protective equipment. Handle all containers carefully. Avoid breathing mist or vapor. Avoid contact with skin, eyes and clothing. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Store in a cool, dry area. Do not freeze. Keep container tightly closed when not in use.
- Storage Requirements:** Store in a cool, dry area. Handle containers carefully. Keep container tightly closed when not in use. Do not freeze. Keep out of reach of children.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Not required.
Personal Protective Equip: HMIS PP, B | Goggles, Gloves
 Respiratory Protection: None required under normal label-use conditions.
 Protective gloves: Chemical resistant, rubber
 Eye protection: Safety glasses/ goggles

Wear protective clothing when necessary.

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Provide readily accessible eye wash stations and safety showers.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless to pale yellow	Odor:	Pleasant
Physical State:	Liquid	Solubility:	Complete
Spec Grav./Density:	(H2O=1): 1.0 +/- 0.1	Flash Point:	None
Boiling Point:	>212 Deg F.	Vapor Density:	(Air=1) <1
Flammability:	Non Flammable		
pH:	7.0 +/- 1		

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STABILITY AND REACTIVITY

Stability: Stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid: Freezing temperatures.
Materials to Avoid: Strong acids
Hazardous Decomposition: Oxides of carbon.
Hazardous Polymerization: Will not occur

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TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Surfactant Blend (CAS Mixture NA):
 Oral LD50 >1400 mg/kg (Rat)

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ECOLOGICAL INFORMATION

Harmful to aquatic organisms.

Aquatic toxicity data summary for the components are as follows:

Surfactant Blend (CAS Mixture NA):

Fish LC50 1-10mg/l, 96h, Fathead minnow (Pimephales promelas)

Daphnia EC50 1-10 mg/l, 48h, (Daphnia magna)

Algae EC50 1-10 mg/l, 96h, Algae

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DISPOSAL CONSIDERATIONS

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

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TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

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REGULATORY INFORMATION

*Surfactant (CAS Mixture Trade Secret) TSCA

This product contains no carcinogens nor components under SARA 313 in concentrations of 0.1% or greater.

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

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OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined