



Tomco-Harwel
Industries, Inc.

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Safety Data Sheet *Microbes Food*

1. IDENTIFICATION

Synonyms none
CAS# see Part 3, below

IN AN EMERGENCY CALL: INFOTRAC 1-800-535-5053

2. HAZARD IDENTIFICATION

GHS Class **NOT HAZARDOUS**
(Category)
Signal Words

Hazard Statements NONE

GHS Precautionary Statements for Label NONE

3. COMPOSITION

	CAS NUMBER	%	TLV ppm / mg/m ³	LD ₅₀ (mg/kg) ORAL	LD ₅₀ (mg/kg) SKIN	LC ₅₀ ppm INHALATION
Ascophyllum Nodosum	N/A	Trade secret	not listed	not listed	not listed	not listed
Proprietary Blend of Non-hazardous Substances	trade secret*	Trade secret	not listed	not listed	not listed	not listed

4. FIRST AID

SKIN: Wash with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly laundered. Seek medical help promptly if there is persistent itching or redness in the affected area.

EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance if there is any irritation.

INHALATION: Remove from contaminated area promptly. **CAUTION: Rescuer must not endanger himself!** If victim's breathing stops, administer artificial respiration and seek medical aid promptly.

INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.

NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.

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5. FLAMMABILITY & FIRE-FIGHTING

Flash Point	not known – <i>not flammable</i>
Autoignition Temperature	not known – <i>cannot burn</i>
Flammable Limits	not known – <i>not flammable</i>
Combustion Products	carbon monoxide; silicone oxides & formaldehyde may form under fire conditions
Firefighting Precautions	as for materials sustaining fire; firefighters must wear SCBA
Static Charge Accumulation	readily accumulates a static charge on agitation or pumping, <i>but no danger of ignition</i>

6. ACCIDENTAL RELEASE MEASURES

Safe for the environment, biological product.

7. HANDLING & STORAGE

No special storage requirements.

Avoid prolonged contact with skin and wash work clothes frequently. An eye bath should be available near the workplace.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

ACGIH TLV	not listed	ACGIH STEL	not listed
OSHA PEL	not listed	OSHA STEL	not listed
Ventilation	no special mechanical ventilation required		
Hands	no special protective gloves required		
Eyes	safety glasses with side shields – <i>always protect the eyes</i>		
Clothing	no special protective clothing required		

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor & Appearance	dark liquid, fishy odor
Odor Threshold	not known
Vapor Pressure	not known
Evaporation Rate (<i>Butyl Acetate = 1</i>)	not known
Vapor Density (air = 1)	not known
Boiling Range	150-205°F
Freezing Point	not known
Specific Gravity	1.0 (20/20°C)
Water Solubility	soluble
Also soluble in	not known
Viscosity	not known – viscous liquid
pH	4-8

10. REACTIVITY

Dangerously Reactive With	none known
Also Reactive With	none known
Chemical Stability	stable; will not polymerize
Decomposes in Presence of	high temperature may cause decomposition
Decomposition Products	none apart from Hazardous Combustion Products
Mechanical Impact	not sensitive

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11. TOXICITY INFORMATION***i. ACUTE EXPOSURE***

Skin Contact	not irritating
Skin Absorption	no known effect
Eye Contact	not irritating
Inhalation	no known effect
Ingestion	no known effect

ii. CHRONIC EXPOSURE

General	no known effect
Sensitizing	not a sensitizer
Carcinogen/Tumorigen	not known to be a tumorigen or a carcinogen in humans or animals
Reproductive Effect	no known effect on humans or animals
Mutagen	not known to be a mutagen or teratogen in humans or animals
Synergistic With	not known

12. ECOLOGICAL INFORMATION

Bioaccumulation	not known
Biodegradation	complete

13. DISPOSAL CONSIDERATIONS

Waste Disposal	may be incinerated in approved facility with flue gas monitoring & scrubbing
Containers	Drums should be reused. Recondition and pressure test by a licensed reconditioner prior to re-use. Pails must be vented and thoroughly dried prior to crushing and recycling. IBCs (intermediate bulk containers): polyethylene bottle must be pressure tested & recertified at 30 months. Replace at 60 months (5 years). Steel containers must be inspected, pressure tested & recertified every 5 years. Warning: never cut, drill, weld or grind on or near this container, even if empty.

14. TRANSPORT INFORMATION***USA 49 CFR & Canada/International TDG***

Product Identification Number	UN – not regulated for transport
Shipping Name	not regulated for transport
Classification	not regulated for transport
Marine Pollution	not a marine pollutant
ERAP Required	No

15. REGULATIONS

Not listed

16. OTHER INFORMATION**Date of Preparation** **June 2015****Date of Revision** **-**

Prepared by Tracy Crow

With data from the Registry of Toxic Effects of Chemical Substances (RTECS), Hazardous Substance Data Base (HSDB), Cheminfo (CCOHS), OSHA, IUCLID Datasheets (European Chemical Substance Information System - ESIS), & others sources (below if used), as required/available

last page of SDS**PLEASE ENSURE THAT THIS SDS IS GIVEN TO, AND EXPLAINED TO PEOPLE USING THIS PRODUCT.****EMERGENCY INFORMATION: INFOTRAC 1-800-535-5053**