



Safety Data Sheet

CytoPower™ 3-0-4

1. Identification:

Name:	CytoPower™
Chemical Description:	Proprietary blend of organic Ascophyllum nodosum and a non-GMO organic vegetable protein extract.
Recommended Use:	Foliar applications on commercial agricultural crops. Please follow appropriate mixing instructions.
Producer/Importer	Mil Agro, Inc.
Address:	875 W. 300 N., Hyrum, UT 84319 USA
Phone:	+1 (435) 994-2476
Contact Person:	Todd Edwards

2. Hazard Identification:

This product is not hazardous and does not require hazard identification.

3. Composition of Product

Extract from algae CAS-NO 84775-789-0. No classification required.

Vegetable Protein Extract No classification required.

4. First Aid Measures

General:	Non-hazardous material. If irritation or discomfort occurs, seek medical advice from a physician
Eye Contact:	Non-irritating to ocular tissue. Immediately flush eyes with plenty of water. Keep eyes wide open while flushing. Seek medical attention if irritation occurs.
Skin Contact:	Non-irritating to skin. Wash with mild soap and water. Seek medical attention if discomfort occurs.

Inhalation:	Non-toxic. Do not intentionally breath vapors.
Ingestion:	Non-toxic is ingested. Drink plenty of water or milk. Seek medical attention is discomfort occurs.
Over Exposure:	Not applicable.

5. Fire-Fighting Measures

Suitable extinguishing media:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Use water spray to prevent dust-air mixtures.
Unsuitable extinguishing media:	None known.
Specific hazards arising from the chemical:	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions:	In the event of fire, cool tanks with water spray.
Specific methods:	Cool containers exposed to flames with water until well after the fire is out.
General fire hazards:	Product becomes a combustible dust when finely divided and suspended in air. Keep away from sources of ignition, sparks, and open flames. Use only in well-ventilated areas. Provide adequate dust control.

6. Accidental Release Measures

Safety measurements to protect persons:	Gloves and eye protection should be worn when handling due to temporary staining.
Proper methods for damage limitation and cleanup:	Spills may be easily cleaned by removing as much solid as possible and washing remaining spill with copious amounts of water. Avoid loose product on floor in damp areas as product may become slippery with the addition of clean-up water. Gloves and eye protection should be worn due to temporary staining.
Environmental precautions:	Prevent further leakage or spillage if safe to do so.

7. Handling and Storage

Precautions for safe handling:	Minimize dust generation and accumulation. Avoid handling which may cause staining. Use personal protective equipment as specified in section 8.
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Storage: Store in dry, cool place and out of direct sunlight. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a well-ventilated place.

8. Exposure Control and Personal Protection

Occupational exposure limits: No exposure limits noted for ingredients.
Biological limit values: No biological exposure limits noted for the ingredients.
Appropriate engineering controls: Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing.
Eye/Face protection: Use tight fitting goggles if dust is generated.
Hand Protection: Gloves should be worn when handling due to temporary staining.
Other: Wear suitable protective clothing.
Respiratory protection: Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.
General hygiene considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties

Appearance: Powder
Physical State: Solid
Form: Powder
Color: Gray
Odor: Marine like
Solubility: 100% water soluble
Melting point range: Not determined
Expl. Limit LEL-UEL. %-%: Not determined
Vapor Pressure: Not determined
Decomposition temp.: Not determined
pH value: 6.1-7.9 one gram in 100 grams of water
Flash point: Not determined
Molecular weight: Not determined
Ignition temp: 550 degrees Celsius
Rel. Vapor Density (air=1): Not determined
Air Reactive: Not applicable
Percent Volatile (by Volume): Not applicable
Bulk Density: 0.66 g/cm³
Solubility in Water: 100% Soluble
Saturation Conc.: Not determined

Rel. Density Sat. Air (Air=1):	Not determined
Boiling Point/Range:	Not determined
Smelling Limits lo-hi:	Not determined
Rel. Evap. Velocity:	Not determined
Water Reactive:	Not applicable

10. Stability and Reactivity

Reactivity:	Product is stable.
Chemical Stability:	Product is stable. Oxidants and acids may cause degradation.
Conditions to avoid:	Excessive moisture, heat or freezing.
Hazardous decomposition products:	Not applicable.
Hazardous Polymerization:	Will not occur.

11. Toxicological Information

Acute oral toxicity:	Non-toxic orally. Ingestion of significant amounts may cause nausea and discomfort.
Acute ocular toxicity:	Non-irritating to the ocular tissue of non-irrigated eyes.
Acute dermal toxicity:	Not toxic dermally. No treatment-related effects were observed.
Acute dermal irritation:	No irritation or corrosive effects were observed.
Inhalation Toxicity:	Not hazardous by inhalation
Skin corrosion/irritation:	Prolonged skin contact may cause temporary irritation.
Chronic effects from short- and long-term exposure:	Not observed.
Carcinogenic effects:	Not a carcinogen.

12. Ecological Information

Breakdown:	Biodegradable. Product presents minimal environmental impact.
Ecotoxicity:	Plant nutritional supplement and growth stimulant, high concentrations may cause burn of plants. Non-toxic to marine algae, vertebrates or invertebrates.
Groundwater considerations:	Not harmful if leached into groundwater. Use manufacturer recommended rates of application. Do not allow large quantities of the product to reach ground water, water course or sewage system.

13. Disposal Considerations

Not classified as hazardous waste. Product must be disposed of according to federal, state or local procedures regarding fertilizers.

14. Transport Information

Non-hazardous material according to transport regulation. No special precautions are necessary.

15. Regulatory Information

The product does not require labeling. Marking according to hazardous product regulations is not required. The SDS is prepared on basis of information given by the manufacturer.

16. Other Information

Issue Date: 5/15/17

Disclaimer: The information contained herein is furnished without warranty of any kind. Every endeavor has been made to ensure that the information contained in this SDS leaflet is reliable, but we cannot accept liability for any loss, injury or damage, which may result from its use or misuse. Data given in this SDS is solely for the guidance in safe handling and use of the product by customers; they do not form part of any specification. If any difficulties arise, we shall be glad to discuss them. Customers are encouraged to conduct their own tests following discussion with our technical department. The above information is based on experience, but it is always advisable for customers to satisfy themselves, by consultation with our technical department and small-scale testing if necessary, that product, which they have selected, is suitable for their purpose under their conditions of use.