

## SAFETY DATA SHEET

**Tidal Grow AgriScience** (parent company)  
PO Box 3313 Bellevue, WA 98009  
Emergency phones: 503-867-4849

**Pacific Gro** (manufacturing plant)  
1725 Ocean Ave. Bldg #6, Raymond, WA 98577  
Emergency phones: 360-934-5606, 406-240-3493

### SECTION 1 – MATERIAL IDENTIFICATION

NAME: **PACIFIC GRO HYDROLYSATE PRODUCTS**

**Product line includes:** **Oceanic Hydrolysate 2 – 1 – 0.3 + 1% Ca**  
**Sea Phos 2 – 6 – 0.2 + 1.5% Ca**

### SECTION 2 – HAZARDS IDENTIFICATION

Non Toxic

### SECTION 3 – HAZARDOUS INGREDIENTS

Sulfuric Acid 7664-93-9 and/or Phosphoric acid, 75% FCC 7664-38-2 , stabilized product at pH 3.5

### SECTION 4 – FIRST AID MEASURES

Primary Routes of Entry: Skin, eyes, inhalation. Do Not Ingest!  
Hygiene: Wash hands and face before eating or drinking.  
Eyes: Mild eye irritant. Wash thoroughly with clean water. Get medical attention if symptoms continue.  
Skin: Can cause skin irritation on repeated contact. Wash thoroughly with clean water.  
Inhalation: Mist or vapors can cause irritation of the respiratory system.  
Ingestion: Corrosive to the mouth, esophagus and mucous membranes. Drink large amounts of water immediately. Get immediate medical attention.  
Carcinogen: Not Known

IN ALL CASES: GET PROMPT MEDICAL ATTENTION IF ADVERSE EFFECTS PERSIST

### SECTION 5 – FIRE & EXPLOSION HAZARDS

Not Flammable

Flash Point (Method) None, Explosive Limits: None Flammable Limits: None  
Auto Ignition Temperature: None Extinguishing Media: Not Applicable  
Special Fire Fighting Procedures and Hazards: None Unusual Fire & Explosion Hazards: None Known

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

None

### SECTION 7 – PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Spills and Leaks: Contain to prevent loss to the environment; Collect excess material; Flush residual material to a sanitary sewer.  
Storage and Handling: Keep containers tightly closed. Store at ambient temperatures, not in direct sunlight. Do not store after diluting with water. Use up all product that is mixed for use (above pH 4.5 the product will get bio-active, foam and expand). Agitate well before use.  
Waste Disposal: Follow recommendations of local, state and federal regulations  
Empty Containers: Rinse with water. Send to a recycling center for disposal  
Specific End Uses: Fertilizer. See label or Application Guide.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Not a hazardous substance, no particular precautions required.

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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Tan Liquid,	Odor: Damp Earth, Fishy
Boiling Point: About 212° F	Melting Point: Not Applicable
pH: 3.5	Specific Gravity (H <sub>2</sub> O=1) 1.10
Water Solubility: Complete	Vapor Pressure at 20° C: Not Determined
Non-flammable	

### SECTION 10 - STABILITY AND REACTIVITY

Non-Reactive to chemicals  
When pH exceeds 4.5 the product becomes bio-active and will foam and expand. Pressure can safely be released by loosening the container lid.

### SECTION 11 – TOXICOLOGICAL INFORMATION

Not acutely toxic.  
Mild irritant to skin and respiratory tract.  
Eye irritant.

### SECTION 12 – ECOLOGICAL INFORMATION

Organic fertilizer, not toxic to land or aquatic organisms.  
In high concentration will kill plants, but cause no long-term damage to the soil.  
Not acutely toxic to animals.  
In event of spill to the environment, collect and dispose as practical, dilute the remainder with water.

### SECTION 13 – DISPOSAL CONSIDERATIONS

Classified Non-Hazardous, can be disposed to landfill

### SECTION 14 – TRANSPORT INFORMATION

DOT Shipping Name: None     DOT Hazard Classification: None

### SECTION 15 – REGULATORY INFORMATION

Subject to Fertilizer registration and labelling regulations of each state or national department of agriculture

### SECTION 16 – OTHER INFORMATION

Revision date: Nov. 21, 2022

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