

# Helmsman®

## SOIL SURFACTANT

*Helmsman® is a surfactant for use on fairways and fine soils. It increases the penetration of applied water and rainfall which may improve irrigation efficiency. Helmsman addresses soil moisture problems on hillsides, mounds, and other difficult to access areas. It can be injected or sprayed.*

### Application & Use Guidelines

**Spray:** 3 fl oz per 1000 ft<sup>2</sup> every 28 days. After application, irrigate sufficiently to remove product from leaf surfaces.

- For coarse soils/sand root zones: Use 1/3" irrigation water
- For fine textured soils: Use 2/10"-1/4" irrigation water

**For Injection:** Apply 12-24 oz per acre once a week.

### NON PLANT FOOD INGREDIENTS

#### Active Ingredients:

3% Polyoxyethylene-polyoxypropylene copolymer  
4% Citric acid, Salt  
73% Seaweed Extract (Microbe Food)  
20% Other Ingredients

**CONDITIONS OF SALE:** *The Manufacturer warrants only that product conforms to label description. Buyer and user agree to accept all liability associated with handling, use, and disposal of this product.*

### Mixing Directions

Mix **Helmsman** in spray tanks with water and proper agitation.

### Compatibility

Ocean Organics® **Helmsman** is compatible with fertilizers and most turf chemicals but should not be mixed directly with other chemicals. *Do not* combine **Helmsman** in a spray tank with pesticides or fertilizers unless prior use has shown the combination to be physically compatible, effective, and non-injurious under local conditions.

### Storage and Disposal

Store in original containers. Keep container tightly closed. Protect from freezing. If product freezes, warm to room temperature and agitate before use. To avoid contamination, do not return previously mixed product to original container. Use product within 12 months of original purchase date. Do not reuse empty container. Small spills can be washed away with water. Large spills should be contained and salvaged. Disposal must comply with local, state and federal regulations.

### FOR PROFESSIONAL USE

**CAUTION. KEEP OUT OF REACH OF CHILDREN.**

#### Avoid contact with eyes and skin.

Wear chemical resistant goggles and gloves. In case of contact, flush eyes/skin with large amounts of water. If irritation persists, seek prompt medical attention.

#### May be harmful if swallowed.

Do not ingest. In case of ingestion, drink two glasses of water and seek medical attention.

Refer to the **Helmsman** Safety Data Sheet for further information:

[www.oceanorganics.com/oo\\_helmsman.htm](http://www.oceanorganics.com/oo_helmsman.htm)

**NOT FOR USE IN ORGANIC CROP AND ORGANIC FOOD PRODUCTION.**

Florida 1762



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Net Contents: ■ 9.5 L (2.5 Gal) ■ 113.5 L (30 Gal) ■ 208.2 L (55 Gal) ■ 1041.0 L (275 Gal) Density:  
Net Weight: 10.1 Kg (22.3 Lb) 121.4 Kg (267.7 Lb) 222.6 Kg (490.8 Lb) 1113.1 Kg (2454.0 Lb) 8.92 Lb/Gal at 68°F