

# Chemurgic's Defoamer OR-10



## Anti-foaming agent for spray applications

### INGREDIENTS:

#### Principal Functioning Agent:

Silica Filled Polydimethylsiloxane .....	10%
Constituents ineffective as spray adjuvant.....	90%
TOTAL .....	100%

All ingredients are exempt from the requirements of a tolerance as specified in 40 CFR§180.910

CA Reg. No. 12120-50008-AA

## KEEP OUT OF REACH OF CHILDREN WARNING

### HAZARD STATEMENTS:

Causes skin irritation.  
Causes serious eye irritation.



### PRODUCT INFORMATION

*Chemurgic's Defoamer OR-10* is a 10% active antifoam emulsion designed for effective use with most surfactants in aqueous formulations, over a broad pH range. It is particularly effective with nonionic surfactants.

### STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Keep in original container. Store in cool, dry place. Protect from excessive heat. Do not store below 4°C as product will freeze.

**Product Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Do not reuse empty container. Triple rinse during mixing and loading. Offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**WARNING/AVISO:** Do not get in eyes, on skin, or on clothing. Wear protective gloves/eye protection/face protection. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Take off contaminated clothing and wash it before reuse.

(Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. If you do not understand the label, find someone to explain it to you in detail.)

### FIRST AID

#### IF IN EYES:

- Rinse cautiously with water for several minutes.
- Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists, get medical advice/attention.

#### IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Wash skin with plenty of water for 15-20 minutes.
- If skin irritation occurs, get medical advice/attention.

#### IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration.
- Call poison control center or doctor for treatment advice.

*If an adverse reaction occurs after exposure, promptly start the recommended procedures above.*

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### USER SAFETY RECOMMENDATIONS

Applicators and other handlers must wear long-sleeved shirt and long pants, impermeable or chemical resistant gloves, protective eyewear, and shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SHOULD:** Wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if it becomes contaminated with product, and wash before reuse. Wash skin thoroughly before putting on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**DIRECTIONS FOR USE:** *Chemurgic's Defoamer OR-10* can be used as received, or after dilution with water or other suitable process liquid. For best results, the emulsion should be mixed before use. Dilution can be accomplished by mixing 3 to 10 parts of the selected diluent to 1 part antifoam with gentle stirring until a uniform mixture is obtained. Continued gentle mixing of the diluted antifoam is recommended to ensure product uniformity over extended storage times.

For best results, add *Chemurgic's Defoamer OR-10* to the tank mix before adding the agricultural chemicals.

### Recommendations:

Suggested starting concentrations are 50 to 500 ppm antifoam.

Defoamer OR-10	Parts Per Million (ppm)	
Dilution (from container)	Defoamer as Received	Active Silicone
1 pt. in 1,250 gal.	100	10
1 gal. in 1,000 gal.	1000	100
1 gal. in 2,000 gal.	500	50
1 gal. in 10,000 gal.	100	10

Conversion Factors: 1 gal. = 3.785 Lt. 1 pt. = 0.473 Lt.

**NOTE:** Effectiveness will depend upon composition of spray mixture, temperature, etc. Adjust *Chemurgic's Defoamer OR-10* concentration as necessary to achieve desired foam control.

### CONDITIONS OF SALE AND WARRANTY

*Chemurgic Agricultural Chemicals, Inc.* warrants that this product conforms to the chemical description on the label and is reasonably suited for the purposes stated when used as recommended under normal conditions.

Unintended consequences such as crop damage or poor performance may result from factors including, but not limited to, method of application, timing, crop and soil condition, weather, and other materials present, all of which are beyond the control of *Chemurgic Agricultural Chemicals, Inc.* and Seller.

*Chemurgic Agricultural Chemicals, Inc.* neither makes, nor authorizes any agent or representative to make any other warranties, expressed or implied, including fitness or merchantability.

Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material.

In no case shall *Chemurgic Agricultural Chemicals, Inc.* or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product.

The foregoing is a condition of sale by *Chemurgic Agricultural Chemicals, Inc.* and is accepted as such by the Buyer.



**Chemurgic Agricultural Chemicals, Inc.**  
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**Net Contents:** □ 1 Qt. (.946 L) □ 1 Gal. (3.78 L)