



119 Khemical
Specialty
Chemicals

PERASHIELD 5.6%

TECHNICAL
DATA

EPA Number: 63838-1

APPLICATIONS

PeraShield 5.6% is a peroxyacetic acid-based microbiocide developed for bacteria, slime, odor and algae control in agricultural waters.

PROPERTIES

PeraShield 5.6% may be used in agricultural or horticultural applications such as irrigation or drip water systems and greenhouses to control slime and algae. It can be used in soil and foliar applications to prevent/control bacterial and fungal diseases present in soil or on growing agricultural crops.

CHEMICAL COMPOSITION

PeraShield 5.6% is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

PHYSICAL PROPERTIES

| | |
|---------------------------------------|------------------|
| Peracetic acid (% wt.) | 5.5-5.9 |
| H ₂ O ₂ (% wt.) | 26.5-27.3 |
| Acetic acid (% wt.) | 3-8% |
| Density (lbs/gal.) 20°C | 9.35 (1.12 g/mL) |
| pH (10% solution) | 1.8 |
| pH (1% solution) | 2.8 |
| Flashpoint (°C) | >93°C (>207° F) |
| Freezing point (°C) | <-12°C (<10° F) |
| Color | Clear, colorless |
| Scent | Vinegar-like |

DIRECTIONS FOR USE

Directions for Use vary depending on application, see label

STORAGE

PeraShield 5.6% container must be stored in an upright position. The storage area should be well ventilated and **shaded from sunlight** as well as protected from sources of radiant heat. Contamination of the product, especially with non-stainless steel metal ions and alkali must be avoided.

PACKAGING

5 gal (45 lb), 53 gal (500 lb), 220 gal (2050 lb), 300 gal (2800 lb) Available in HDPE plastic pails, drums and totes.

IMPORTANT

Read and understand label and Safety Data Sheet (SDS) for complete listing of hazards, precautions, first aid statements, and storage and handling information. SDS are available from the distributor of this product. 24-Hour Emergency Response Line 1-800-255-3924.

TRANSPORT (DOT)

Oxidizing liquid, corrosive, n.o.s. (contains hydrogen peroxide and peroxyacetic acid mixture, stabilized), 5.1 (8), UN 3098, PG II

All information and statements contained herein are believed to be accurate at the time of publication, but Morr, Inc. makes no warranty with respect thereto, including but not limited to any results to be obtained or the infringement of any proprietary rights. Use or application of such information or statements is at user's sole discretion, without any liability on the part of Morr, Inc. Nothing herein shall be construed as a license of or recommendation for use which infringes upon any proprietary rights. Use of this product shall be the sole responsibility of user, and Morr, Inc. shall not be liable in any way for said use, other than reimbursement for the actual cost of product.