

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

Manuals.plus /

- › [Kent Marine](#) /
- › Kent Marine Superbuffer-dKH Instruction Manual

## Kent Marine 100100005

# Kent Marine Superbuffer-dKH Instruction Manual

Model: 100100005

## 1. PRODUCT OVERVIEW

---

Kent Superbuffer-dKH is a specialized pH buffer and alkalinity (carbonate hardness or KH) builder formulated for saltwater aquariums. Its primary function is to adjust and maintain the pH level within the optimal range of 8.0 to 8.3, while also increasing the carbonate hardness. This product is designed for both fish-only and reef-type marine aquariums, ensuring clarity upon mixing with minimal cloudiness or precipitation. It is engineered to prevent flaking on corals, a common issue with some competing products.



Figure 1: Kent Marine Superbuffer-dKH 1.10-Pound Jar. This image shows the product packaging, a white jar with a purple and black label featuring the "KENT MARINE" logo and "Superbuffer dKH" text.

## 2. SAFETY INFORMATION

---

Please read and understand all safety warnings before handling or using Kent Marine Superbuffer-dKH. Failure to follow these instructions may result in harm.

- **DO NOT TASTE, SWALLOW, OR BREATHE:** This product is not for human consumption. Ingestion or inhalation can be harmful.

- **KEEP OUT OF REACH OF CHILDREN AND PETS:** Store in a secure location away from children and animals.
- **AVOID CONTACT WITH SKIN AND EYES:** In case of contact, rinse thoroughly with water. Seek medical attention if irritation persists.
- **USE IN A WELL-VENTILATED AREA:** Ensure adequate ventilation during use to prevent inhalation of dust or fumes.
- **STORAGE:** Store in a cool, dry place with the lid tightly sealed to prevent moisture absorption.

### 3. USAGE INSTRUCTIONS

---

#### 3.1. Preparation

Ensure your aquarium water parameters are tested before adding Superbuffer-dKH. This product is intended for saltwater aquariums only.

#### 3.2. Application Directions

Mix the product with compatible solutions at specified dosages and frequencies as needed to adjust the pH of saltwater aquariums to the range of 8.0 to 8.3 and build the KH. It is recommended to dissolve the powder in a small amount of purified water before adding to the aquarium to ensure even distribution and prevent localized high concentrations.

**Note:** This product contains carbonate, bicarbonate, and borate salts, which are essential for buffering capacity.

### 4. COMPATIBILITY

---

Kent Marine Superbuffer-dKH is compatible with and designed for use with other Kent Marine products, including:

- Kalkwasser Mix
- Concentrated Liquid Calcium
- Turbo-Calcium

The formulation ensures it will not flake on your corals, maintaining the aesthetic and health of your reef environment.

### 5. SPECIFICATIONS

---

Attribute	Detail
Product Name	Superbuffer-dKH
Brand	Kent Marine
Model Number	100100005
Item Weight	1.10-Pound Jar (approx. 0.2 Pounds / 3.2 ounces product weight)
Product Dimensions	3.2 x 3.5 x 3.5 inches (L x W x H)
Target Species	Fish (for saltwater aquariums)
Item Form	Powder (implied from "Jar" and "mix clear")
Manufacturer	Central Garden & Pet

## 6. MAINTENANCE AND STORAGE

---

To ensure the longevity and effectiveness of Kent Marine Superbuffer-dKH, proper maintenance and storage are crucial:

- **Storage:** Always store the product in its original container with the lid tightly sealed.
- **Environment:** Keep in a cool, dry place, away from direct sunlight and excessive humidity. Moisture can cause the powder to clump or degrade.
- **Shelf Life:** While not explicitly stated, proper storage helps maintain product efficacy over time.

## 7. TROUBLESHOOTING

---

If you encounter issues while using Kent Marine Superbuffer-dKH, consider the following:

- **Cloudiness After Addition:** While designed to mix clear, excessive cloudiness might indicate over-dosing or insufficient mixing. Ensure proper dissolution in a separate container before adding to the main aquarium.
- **pH/KH Not Adjusting:**
  - Verify your testing kit is accurate and not expired.
  - Ensure correct dosage based on your aquarium volume and current parameters.
  - Check for other factors in your aquarium that might be consuming alkalinity or buffering capacity (e.g., high bioload, excessive CO<sub>2</sub>).
- **Precipitation on Corals:** This product is formulated to prevent flaking. If observed, ensure proper mixing and gradual addition. Verify water parameters are within acceptable ranges for your corals.

## 8. WARRANTY AND SUPPORT

---

Specific warranty information for Kent Marine Superbuffer-dKH is not provided in this manual. For detailed warranty terms, product support, or further inquiries, please refer to the official Kent Marine website or contact their customer service directly. Contact information can typically be found on the product packaging or the manufacturer's official website.

**Manufacturer:** Central Garden & Pet

**Brand Website:** [Visit the Kent Marine Store on Amazon](#)

© 2023 Kent Marine. All rights reserved.

This manual is for informational purposes only. Kent Marine is a brand of Central Garden & Pet.