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› Orenda SC-1000 Scale & Metal Control - User Manual

Orenda Technologies SC1000

Orenda SC-1000 Scale & Metal Control - User Manual

Model: SC1000

1. INTRODUCTION

The Orenda SC-1000 is a professional-grade chelant designed for pool and spa water treatment. Its primary function is to prevent the formation of metal stains and carbonate scale, ensuring the longevity and aesthetic appeal of your pool surfaces. It also assists in dissolving existing carbonate scale and provides protection for plaster during initial pool startup and ongoing maintenance.





Image 1: The Orenda SC-1000 product bottle, illustrating its packaging and branding. This product is formulated to prevent metal stains and scale in swimming pools.

2. SAFETY INFORMATION

WARNING: Read all instructions and safety precautions before use.

- Keep out of reach of children and pets.
- Do not ingest. If swallowed, call a poison control center or doctor immediately.
- Avoid contact with eyes and skin. In case of contact, flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
- Wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling this product.
- Store in a cool, dry place, away from direct sunlight and incompatible materials.
- Do not mix with other chemicals unless specifically directed.

3. PRODUCT OVERVIEW

Orenda SC-1000 is a highly effective solution for managing water chemistry in pools and spas. Its unique formulation targets and binds with metals and calcium, preventing them from causing unsightly stains and scale buildup.

Key Features:

- Chelates metals and calcium to prevent oxidation and scale.
- Protects surfaces of start-up pools while plaster is curing.
- Gently removes stains and scale without the use of harsh acids.
- Contains no phosphates, which can contribute to algae growth.
- NSF-50 Certified, ensuring quality and safety for recreational water facilities.

4. SETUP AND PREPARATION

Before applying Orenda SC-1000, ensure your pool water is properly balanced. This includes checking pH, alkalinity, and calcium hardness levels. For best results, follow these steps:

1. **Test Water Chemistry:** Use a reliable test kit to measure your pool's current water parameters.
2. **Adjust pH:** Ensure pH is within the recommended range (typically 7.4-7.6 for pools).
3. **Ensure Circulation:** Make sure your pool pump and filter system are running to allow for proper distribution of the product.

5. OPERATING INSTRUCTIONS

Orenda SC-1000 can be used for both initial pool startup and ongoing maintenance to prevent and address scale and metal issues.

Application for Pool Startup:

During initial pool startup, especially with new plaster, Orenda SC-1000 helps protect surfaces and prevent staining.

- Add the recommended dosage to the pool water as soon as the pool is filled.
- Ensure the product is dispersed evenly throughout the pool.

Application for Ongoing Maintenance:

For regular prevention of metal stains and carbonate scale, add Orenda SC-1000 to the pool water periodically.

- Consult the product label for specific dosage rates based on your pool volume and water conditions.
- Typically, the product is added directly to the pool water, preferably near a return jet for quick dispersion.
- Allow the pool circulation system to run for several hours after application to ensure thorough mixing.

For Existing Scale and Stains:

Orenda SC-1000 can also help remove existing scale in pool heaters, salt chlorine generators, and other equipment.

- For targeted treatment of existing scale, follow specific instructions on the product label or consult a pool professional.

6. MAINTENANCE

Consistent use of Orenda SC-1000 as part of your regular pool maintenance routine will help prevent future issues with

scale and metal staining. Regularly test your pool water and adjust chemical levels as needed to maintain optimal conditions.

- Maintain proper water balance (pH, alkalinity, calcium hardness).
- Ensure adequate filtration and circulation.
- Store the product according to safety guidelines to maintain its efficacy.

7. TROUBLESHOOTING

While Orenda SC-1000 is highly effective, certain issues may arise. Here are some common scenarios and advice:

Problem	Possible Cause	Solution
Persistent Stains/Scale	Severe existing buildup, very high metal/calcium levels, insufficient dosage.	Increase dosage as per label for severe cases, ensure proper water balance, consult a pool professional for stubborn issues.
Cloudy Water After Application	Temporary effect due to product dispersion, high organic load, or other water chemistry imbalances.	Ensure adequate filtration and circulation. Test for other water chemistry issues (e.g., chlorine, phosphates). Cloudiness should clear within 24-48 hours.
Product Not Dissolving	Insufficient circulation, cold water.	Ensure pump is running, add product slowly near return jets. Product is liquid, so this is less likely.

8. SPECIFICATIONS

Brand	Orenda Technologies
Model Number	SC1000
Item Form	Liquid
Unit Count	32.0 Fluid Ounces (1 Quart)
Item Weight	1 Pound
Product Dimensions	4.25 x 2.25 x 9 inches
Manufacturer	Orenda
Country of Origin	USA
Product Benefits	Scale and Metal Control

9. WARRANTY AND SUPPORT

For specific warranty information and technical support regarding your Orenda SC-1000 product, please contact Orenda Technologies directly. Their official website or the product packaging may contain detailed contact information. Always refer to the manufacturer's official resources for the most accurate and up-to-date information on product usage, safety, and support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question