

# NEUTRALIZING KIT FOR OXYNATE® 7 & 84 BLUING SALTS - BROWNELLS POTASSIUM IODIDE START TEST STRIPS, 100 PACK

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## Makes Bluing Salts Safe for Sewer Disposal

With this kit and two locally obtainable chemicals, it is possible to neutralize Brownells Oxynate No. 7 and Oxynate No. 84 Bluing Salts and make them safe for sanitary sewer disposal. Included in the kit is one, 50 pound bag of dry Sulfamic Acid; 100, 0-14 pH Color Test Strips; 100 Potassium Iodide Starch Test Strips; one Dropper Bottle for dispensing 31° Hydrochloric Acid; and Brownells Neutralizing Instructions. The only additional chemicals required are pure household Lye which can be purchased locally, and 31° Hydrochloric Acid (also known as 18° Baumé Muriatic Acid) which can be purchased locally or from Brownells. Note: Requires Additional Hazardous Materials Surcharge.



## Attributes

- Name: [BROWNELLS POTASSIUM IODIDE START TEST STRIPS, 100 PACK](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 082073002
- Mfr. No.: P11408
- Delivery weight: 0.009kg
- Shipping height: 1mm
- Shipping width: 83mm
- Shipping length: 146mm
- UPC: 050806014091

## Item details

Made in USA

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# NEUTRALIZING KIT FOR OXYNATE® 7 & 84 BLUING SALTS SAFETY INSTRUCTIONS

## Introduction

Thank you for purchasing the NEUTRALIZING KIT FOR OXYNATE® 7 & 84 BLUING SALTS. This kit is designed to help you safely neutralize Brownells Oxynate No. 7 and Oxynate No. 84 Bluing Salts for sanitary sewer disposal. Please read this safety instruction guide carefully to ensure safe and effective use of the product.

## General Safety Guidelines

- Ensure you understand the product's purpose and usage before beginning.
- Always handle chemicals with care and in accordance with safety guidelines.
- Keep the kit out of reach of children and vulnerable individuals.
- Use personal protective equipment (PPE) such as gloves and goggles when handling chemicals.
- Work in a wellventilated area to avoid inhaling fumes.
- If you experience any adverse reactions, seek medical assistance immediately.

## Specific Safety Precautions for Use

### • Sulfamic Acid:

- Handle with care; it can cause skin and eye irritation.
- Avoid breathing in dust or vapors.

### • Hydrochloric Acid (31°):

- Highly corrosive; use gloves and goggles.
- Ensure proper ventilation when using.

### • Lye (Sodium Hydroxide):

- Can cause severe burns; handle with extreme caution.
- Always add lye to water, never the other way around to prevent violent reactions.

### • Test Strips:

- Use only for their intended purpose.
- Dispose of used strips according to local regulations.

## Instructions for Installation and Usage

### 1. Prepare Your Workspace:

- Ensure you have a clean, dry, and wellventilated area.
- Gather all necessary materials from the kit: Sulfamic Acid, Hydrochloric Acid, Lye, and test strips.

### 2. Neutralization Process:

- **Step 1:** Measure the amount of Oxynate Bluing Salts you wish to neutralize.
- **Step 2:** In a suitable container, add water first, then carefully add the measured amount of Lye. Stir until fully dissolved.

- **Step 3:** Slowly add Sulfamic Acid to the Lye solution while stirring continuously. This may produce heat and fumes; ensure you are wearing protective gear.
- **Step 4:** Use the pH Color Test Strips to check the pH level. Aim for a neutral pH of 7.
- **Step 5:** If the solution is too acidic, add small amounts of Hydrochloric Acid to adjust accordingly, again stirring continuously.
- **Step 6:** Once neutralized, dispose of the solution according to local regulations.

### 3. Testing for Completeness:

- Use the Potassium Iodide Starch Test Strips to confirm that the neutralization process is complete.
- Ensure that the solution no longer reacts with the test strips.

## Disposal Instructions

- Dispose of any unused chemicals and neutralized solutions in accordance with local hazardous waste regulations.
- Do not pour any chemicals or neutralized solutions down the drain unless you have confirmed it is safe to do so.
- Ensure all containers are properly sealed and labeled before disposal.

## Contact Information for Further Support

For any safety inquiries or further guidance, please refer to the manufacturer's contact information provided with your product.

Thank you for prioritizing safety while using the NEUTRALIZING KIT FOR OXYNATE® 7 & 84 BLUING SALTS. Your adherence to these guidelines helps ensure a safe and effective experience.

# About Us

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