



FRC-3G™

Formaldehyde Waste Treatment & Disposal System

“Instructions For Use”

Instructions for treatment of 10% NBF formalin waste.

1. Collect formalin waste in the FRC-3G™ collection container or equivalent container.
2. Use a funnel with “screen insert” while collecting waste to remove tissue debris from waste formalin.
3. Add 32-fl.oz. of Formalex® GREEN to each gallon (128-fl.oz.) of 10% NBF formalin waste.
 - For metric users: Add 1-liter of Formalex® GREEN to 4-Liters of 10% NBF formalin waste.
4. Secure lid on waste collection container and agitate container to mix solutions.
 - Allow mixed solutions to stand for approximately **4 Hours**, adequately reducing the formalin in the waste solution to a non-hazardous safe disposal into the sanitary sewer. *To attain the lowest formalin residual simply allow solutions to stand overnight or approximately 8-12 hours.*
- 6 Repeat Step # 4 decreasing the exposure to any potential headspace vapor.
- 7 Test treated solution as required and carefully pour treated waste into the sanitary sewer.
- 8 Rinse container with cold tap water, preparing it for re-use.

A Rapid QC Analysis for determining the completion of the reaction of 10% NBF formalin waste solutions properly treated with Formalex® Green.

- Allow this mixed waste solution to stand 8-12 hours to achieve the lowest formalin residual
- Take a pH reading of mixed waste solution with a pH indicator strip or a pH meter.
- The reaction is complete with a pH reading at or above 5.5pH

Special Notes:

- *The results noted in these instructions are based on actual waste formalin treated with Formalex® GREEN, results may vary slightly based on the formalin's usage as well as the wide variety of formalin solutions designated for treatment with Formalex® GREEN.*
- *To attain the lowest formalin residual simply allow solutions to stand overnight or approximately 8-12 hours.*
- *The ratios and reaction times noted within these instructions will typically reduce these formalin waste solutions to a non-hazardous solution, less than 0.18% formalin, with virtually neutral pH of about 6.0 pH*

Instructions for: Formaldehyde Residual Screening Test Kit

1. Draw a sample of treated waste with pipette and fill the square test bottle to 10ml mark.
2. Open and pour contents of one formaldehyde "1" reagent powder packet into test bottle.
3. Secure opening on test bottle with gloved thumb or cap and swirl to mix for 10 seconds.
4. Add 2 drops of color indicator solution (thymolphthalein) to test bottle and gently swirl to mix.
5. No color change (**No Blue**) indicates satisfactory formaldehyde destruction and solution is now ready for disposal into sanitary sewer.
6. If sample solution turns **Blue**, indicating a slight residual of formaldehyde, secure lid on FRC-3G™ reaction container, agitate solution, allow to stand for an additional hour and re-test.

Caution Statement

1. Always wear chemical resistant gloves and eye protection when handling chemicals.
2. Follow all personnel safety guidelines when handling formalin solutions.
3. Read Formalex® “GREEN” M.S.D.S. prior to using product.
4. Formalex® “GREEN” should never be used to treat 37% formaldehyde for sewer disposal.
5. Follow all local, state, and federal laws and regulations regarding formaldehyde solutions.



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Manufactured By:
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