



NeutraSafe™

Powdered Aldehyde Neutralizer Instructions for Use Data Sheet

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NeutraSafe is a powdered aldehyde neutralizing product that is EPA validated for the disposal of solutions containing formaldehyde and glutaraldehyde (up to 4% w/v). NeutraSafe neutralizes aldehydes quickly and effectively. StatLab's NeutraSafe uses a novel approach of buffers and stabilizers to ensure that proper pH level is obtained and that aldehydes are successfully neutralized each and every time the product is used.

APPLICATIONS/INTENDED USE

10% Neutral Buffered Formalin
Glutaraldehyde (4%) solution

*Zinc Formalin

*Alcoholic Formalin

*May require additional pH adjustment before disposal

RESULTS

Treated waste is safe to dispose if the following conditions are met:

pH range 6-9
Aldehyde Test Negative

PROCEDURE-use with aqueous 10% Neutral Buffered Formalin (up to 4% Formaldehyde) and/or solutions containing up to 4% glutaraldehyde

1. Collect waste in a designated collection container.
2. When collecting waste, be sure to use a funnel with filtering device to remove tissue debris.
3. Add the entire contents of one NeutraSafe™ bottle to each gallon (128 fl. Oz) or to 4 liters of aldehyde waste.
4. Secure lid on designated collection container and agitate container to thoroughly mix.
Ensure the entire amount of NeutraSafe™ has fully dissolved
5. Allow the mixed solution to stand for 15-20 minutes to complete the neutralization process.
6. Test treated solution for any residual aldehyde content and proper pH levels prior to disposal.
7. After passing aldehyde content and pH tests, the treated waste is now ready to be discarded. Consult with local and regional authorities to ensure complete and accurate classification of hazardous waste and disposal guidelines.
8. After disposal, rinse collection container with cold tap water to prepare for next use.

STORAGE/ SAFETY

Storage: Room Temperature
Refer to SDS for details-

Always wear protective personal equipment to include gloves, eye protection and lab coat when working with chemicals.

ORDERING INFORMATION

Product	Product Number
NS550-12	NS500-12 (12 x 500 mL bottles/case)
NS550-32	NS500-32 (32 x 500 mL bottles/case)

Note: 1 bottle neutralizes 1 gallon of waste

ANCILLARY PRODUCTS

10036-NeutraSafe™ Test Kit (Kit includes 100 test strips, 2 reagent bottles, and 1 test vessel)

TECHNICAL INFORMATION

1. Mix solution thoroughly after addition of NeutraSafe™
2. Always add NeutraSafe™ to collected waste at ratio of 1 gallon of waste to 1-500 mL bottle of NeutraSafe™
NOTE: Once NeutraSafe™ is added to container, the reaction is started and if the ratio is not correct, obnoxious vapors may be released
3. NeutraSafe is designed to work on aldehyde waste solutions of 4%, if questions regarding other percentages of aldehydes please call StatLab Technical Support for direction
4. If pH is not reading in proper range, mix solution and wait for additional 30 minutes to 1 hour and retest.
5. **Always wear appropriate PPE to include eye protection, gloves and lab coat before working with chemicals**

CONTACT INFORMATION

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