



Hyde-Away™

Neutralizing Crystals

Technical Data Sheet

- BRIEF DESCRIPTION -

HydeAway™ Aldehyde Neutralizing Crystals are used to treat aldehyde waste such as 10% formalin so it can be handled and disposed safely. HydeAway™ is a very unique product that combines a chemical scavenger for formaldehyde residues and a polymeric absorbent that produces an easy-to-handle semi-dry waste material. It is very economical to use since its neutralization ratio for 10% formalin is 1:30, it neutralizes 30 times its own weight. After formaldehyde waste treatment with HydeAway™ Crystals, the resulting solid waste product may be discarded in approved laboratory solid waste streams (see local regulations for details on appropriate waste disposal procedures).

- USE PROTOCOL -

The following procedure is recommended for best results:

Each 250 mL (8.5 oz.) solution of diluted formaldehyde solution (10% or lower concentration) will require 8 grams (0.3 oz.) of the HydeAway™ Crystals product to form a semi-solid product.

One 30 oz. (860 g.) bottle of HydeAway will treat over 7 gallons (26.5 L.) of 10% formalin solution.

HydeAway™ Crystals will not produce a measurable temperature change when added to the liquid formalin waste and no foaming should occur. No toxic by-products are formed from the HydeAway™ Formula Crystals treatment system.

HydeAway™ Crystals will also absorb other dilute aqueous aldehyde wastes (e.g. glutaraldehyde) at the same levels as recommended above.

- DISPOSAL -

Allow the treated solution to solidify before disposal of the hydrogel solids in an approved solid waste stream (see local regulations for details on appropriate waste disposal procedures). This hydrogel should never be disposed of directly in sinks or laboratory sewer systems as it may block the free flow of liquids.

- PRECAUTIONARY STATEMENT -

Once the HydeAway™ Crystals powder is added, it will begin to swell in a few minutes and absorb up to 60 times its weight in liquid. Sufficient room must be allowed in the treatment container for some expansion of the powder to form a hydrogel which contains the formalin solution and the reaction by-products. In general one should allow for volume expansion with an additional space that is 20 % of the original liquid volume.

- PACKAGING -

30 oz. / 12 per case

- CATALOG NUMBERS -

| <u>Manufacturer</u> | <u>Item</u> | <u>Cat. No.</u> |
|---------------------|-------------|-----------------|
| Decon Labs, Inc. | 30 oz. | 2224 |

For Additional Technical Information call
Decon Customer Service
(800) 332-6647, or
See our website at www.deconlabs.com