

The Al ich, u e/eal te

Start value de particular de la constant de la cons

The pol prop lene cap on a Sure/Seal bottle can be safeJ re of ed because the cron cap and liner are alread cri ped in place. The reagent can then be dispensed using aş ringe or double-tipped needle inserted through the hole in the etal cap (Fig.1). We reco end only sallgauge needles (no larger than 18-gauge) be used and the pol prop lene cap be replaced after each use. After the needle has been ithdra n fro the bottle, the ne elasto er liner pro/ides outstanding resealing properties to protect the contents ithin fro oisture and ox gen in the at osphere.

Most of the techni ues described in this bulletin ere del eloped for handling l'arious organoborane reagents. Ho el er, these ethods are applicable to other air-sensitil e soll ents and reagents on a preparatil e laborator scale.

ntent

The Aldrich Sure/Seal \$ ste

E uip ent of erfie

Reagent transfer ith s ringes

Reagent transfer ith double-tipped needles

Storage | essels

E uip ent clean-up

Lab are for handling air-sensitif e solf ents and reagents

Trade ar. s





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ui ent cleanu

Clean-up of e uip ent that has been used to transfer air-sensitif e reagents ust not be ta en light. Since an of these reagents react fiolent ith ater, res are a potential ha ard.

t ue/eal ttle, the croncap and liner of an ept Sure/Seal bottle should be carefull reof ed and the open bottle left in the hood to allo the last traces of reactife reagent to be slo lair-h drol ed and oxidied. After at least ada, the inorganic residue can be rinsed out ith ater. Ept storage bottles and storage as should be treated sillar lair-h drol sis in a hood is appropriate on for the last traces of aterial that reain after a Sure/Seal bottle has been eptied as copletel as possible ias ringe or double-ended needle transfer. The Aldrich Catalog/Handboo or aterial safet data sheets should be consulted for



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La a e an lin Ai - en iti e l ent an ea ent

A ide range of Lab are products are a ailable fro Sig a-Aldrich for perfor ing the techni ues referenced in this technical bulletin. A sa pling of these products are listed belo . For additional products and ordering infor ation, see the Sig a-Aldrich Lab are Catalog or i isit our ebsite at sig a-aldrich.co /lab are.

B BBL

For safe pressure e uali ation during aterial transfers or reactions.

In-line bubbler

Use ith oil or ercur, 5-7 L. For onitoring gas el olution rate or rate of o , or for closing o, a reaction lessel fro the at osphere. **Cat. No. Z101214**

For transferring air-sensitile soll ents and reagents.

Micro-Mate hypodermic syringes









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