



Z100250   Sigma-Aldrich

# Diazald® kit with Clear-Seal® joints

Joint: ST/NS 19/22



FDS

| Conditionnement - SKU | Disponibilité                                                                     | Prix (EUR) | Quantité                       |
|-----------------------|-----------------------------------------------------------------------------------|------------|--------------------------------|
| Z100250-1KT           | Seulement 1 en stock (d'autres en cours d'arrivage) - <a href="#">A PARTIR DE</a> | 774.00     | <input type="text" value="0"/> |

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## Product Recommendations



**Z108898**  
**Mini Diazald® apparatus**  
Joint: ST/NS 19/22 Clear-Seal joints, for generating 1 to 50 mmol of diazomethane



**Z203076**  
**Macro Diazald® kits**  
Joint: ST/NS 29/32 Clear-Seal joints



**Z419761**  
**Diazald® set with System 45™ compatible connections**  
Glassware set, complete

## Properties

|                    |                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Categories | <a href="#">Aldrich</a> , <a href="#">Aldrich Diazomethane Generation</a> , <a href="#">Aldrich Distillation Equipment</a> , <a href="#">Diazald Distillation Apparatus</a> , <a href="#">Diazald kit with Clear-Seal joints</a> , <a href="#">Plus...</a> |
| Joint              | <b>Joint: ST/NS19/22</b>                                                                                                                                                                                                                                   |

## Description

**General description**  
The Diazald kit is a set of distillation glassware designed for the safe preparation of diazomethane (~100 mmol). Glassware without sharp edges or ground-glass joints is recommended by de Boer and Backer [*Org. Syn., Coll. Vol. 4*, 250 (1963)]. The Diazald kit features 19/22 Clear-Seal joints; these joints do not require grease even for vacuum applications, thus avoiding a source of contamination.

The glassware in the kit should be washed with care and without the use of wire brushes which will scratch the inner surface. For further information, request Technical Information Bulletin No. AL-180 and for a review on the preparation and reactions of diazomethane, see *Aldrichim. Acta*, 16, 1, **1983**.

Call or visit our website for pricing on replacement parts.

**For technical and safety information about Diazald and Aldrich diazomethane generators see** [Technical Information Bulletin AL-180](#).

**NOTE:** Sigma-Aldrich is unable to supply certain Diazomethane precursors in some countries. Check availability of starting materials prior to glassware purchase.

**Legal Information**  
Clear-Seal is a registered trademark of Wheaton Industries, Inc.  
  
Diazald is a registered trademark of Sigma-Aldrich Co. LLC

## Kit component also available separately

| Description                                                                                                   | FDS | Product # | Add to Cart          |
|---------------------------------------------------------------------------------------------------------------|-----|-----------|----------------------|
| Aldrich® West condenser w/ Clear-Seal® joint, Joint: ST/NS 19/22, pkg of 1 ea                                 | FDS | Z100307   | <a href="#">prix</a> |
| Aldrich® bent vacuum-distilling adapter, w/ Clear-Seal® joints, Joint: ST/NS 19/22                            | FDS | Z100293   | <a href="#">prix</a> |
| Aldrich® Claisen adapter, with Clear-Seal® joints, bottom and side Joint: ST/NS 19/22, top Joint: ST/NS 19/22 | FDS | Z100269   | <a href="#">prix</a> |
| Aldrich® three-way adapter with Clear-Seal® joints, With Clear-Seal® joints, Joint: ST/NS 19/22               | FDS | Z100277   | <a href="#">prix</a> |
| Distilling column, L 200 mm, Joint: ST/NS 19/22 Clear-Seal joints                                             | FDS | Z100315   | <a href="#">prix</a> |
| Gas-inlet tube for Aldrich® Glassware kits, pkg of 1 ea                                                       | FDS | Z122513   | <a href="#">prix</a> |

|                                                                                   |     |         |      |
|-----------------------------------------------------------------------------------|-----|---------|------|
| Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 25 mL    | FDS | Z100323 | prix |
| Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 50 mL    | FDS | Z100331 | prix |
| Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 100 mL   | FDS | Z100358 | prix |
| Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 250 mL   | FDS | Z100366 | prix |
| Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 500 mL   | FDS | Z100374 | prix |
| Wheaton connecting adapter, To male Clear-Seal® joint, Joint: ST/NS 19/22         | FDS | Z106283 | prix |
| PTFE stopper for Macro DiazaId® kit, Joint: ST/NS 19/22                           | FDS | Z100390 | prix |
| Separatory funnel with PTFE stopcock and 19/22 Clear-Seal® joint, capacity 125 mL | FDS | Z100382 | prix |

## Safety Information

Safety Information for this product is unavailable at this time.

## Documents

Certificat d'Analyse

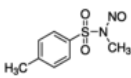
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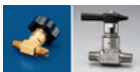
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|  <p><b>Z411736</b><br/><b>Aldrich® diazomethane-generator with System 45™ compatible connection</b><br/>for the preparation of diazomethane without ether</p> |  <p><b>Z108510</b><br/><b>Macro DiazaId® Kits</b><br/>Joint: ST/NS 24/40 Clear-Seal joints</p> |  <p><b>D28000</b><br/><b>DiazaId®</b><br/>99%</p> |  <p><b>Z202509</b><br/><b>Mini DiazaId® apparatus</b><br/>Joint: ST/NS 19/26 Clear-Seal joints, for generating 1 to 50 mmol of diazomethane</p> |  <p><b>Z100307</b><br/><b>Aldrich® West condenser w/ Clear-Seal® joint</b><br/>Joint: ST/NS 19/22, pkg of 1 ea</p> |
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|  <p><b>Z168629</b><br/><b>Diaphragm-seal packless valve</b><br/>multi-turn, brass</p> |  <p><b>Z168637</b><br/><b>Diaphragm-seal packless valve</b><br/>multi-turn, 316 stainless steel</p> |  <p><b>Z690694</b><br/><b>Diaphragm-seal packless valve</b><br/>316 stainless steel, springless, polyimide valve seat, aluminum T-handle, thread 1/4 in. NPT male</p> |  <p><b>Z168645</b><br/><b>Diaphragm-seal packless valve</b><br/>1/4 turn, 316 stainless steel</p> |  <p><b>Z220469</b><br/><b>Deoxygenation apparatus</b><br/>flask size 250 mL, Joint: ST/NS 14/20</p> |
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## Protocols & Articles

## Peer-Reviewed Papers

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Actions of Mycobacterium sp. strain AP1 on the saturated- and aromatic-hydrocarbon fractions of fuel oil in a marine medium.

Joaquim Vila and Magdalena Grifoll

Applied and environmental microbiology, 75(19), undefined (2009-8-12)

The pyrene-degrading Mycobacterium sp. strain AP1 grew in nutrient-supplemented artificial seawater with a heavy fuel oil as the sole carbon source, causing the complete removal of all linear (C(12) to C(40)) and branched alkanes from the aliphatic f...[Read More](#)

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## Replacement Part

| Product #               | Description                                                                                                   | Add to Cart          |
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| <a href="#">Z100323</a> | Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 25 mL                                | <a href="#">prix</a> |
| <a href="#">Z100374</a> | Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 500 mL                               | <a href="#">prix</a> |
| <a href="#">Z100315</a> | Distilling column, L 200 mm, Joint: ST/NS 19/22 Clear-Seal joints                                             | <a href="#">prix</a> |
| <a href="#">Z100366</a> | Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 250 mL                               | <a href="#">prix</a> |
| <a href="#">Z100358</a> | Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 100 mL                               | <a href="#">prix</a> |
| <a href="#">Z122513</a> | Gas-inlet tube for Aldrich® Glassware kits, pkg of 1 ea                                                       | <a href="#">prix</a> |
| <a href="#">Z100382</a> | Separatory funnel with PTFE stopcock and 19/22 Clear-Seal® joint, capacity 125 mL                             | <a href="#">prix</a> |
| <a href="#">Z100390</a> | PTFE stopper for Macro Diazald® kit, Joint: ST/NS 19/22                                                       | <a href="#">prix</a> |
| <a href="#">Z100307</a> | Aldrich® West condenser w/ Clear-Seal® joint, Joint: ST/NS 19/22, pkg of 1 ea                                 | <a href="#">prix</a> |
| <a href="#">Z100269</a> | Aldrich® Claisen adapter, with Clear-Seal® joints, bottom and side Joint: ST/NS 19/22, top Joint: ST/NS 19/22 | <a href="#">prix</a> |
| <a href="#">Z100331</a> | Aldrich® single-neck round-bottom flask with Clear-Seal® joint, capacity 50 mL                                | <a href="#">prix</a> |
| <a href="#">Z100277</a> | Aldrich® three-way adapter with Clear-Seal® joints, With Clear-Seal® joints, Joint: ST/NS 19/22               | <a href="#">prix</a> |
| <a href="#">Z106283</a> | Wheaton connecting adapter, To male Clear-Seal® joint, Joint: ST/NS 19/22                                     | <a href="#">prix</a> |
| <a href="#">Z100293</a> | Aldrich® bent vacuum-distilling adapter, w/ Clear-Seal® joints, Joint: ST/NS 19/22                            | <a href="#">prix</a> |