

BURDICK & JACKSON™ BIOSYN™ REAGENTS & SOLVENTS

for DNA/RNA synthesis

North America



Find it at [fishersci.com](https://www.fishersci.com)

 **fisher scientific**
part of Thermo Fisher Scientific

DNA and RNA Solvents and Reagents

Honeywell Burdick & Jackson™ BioSyn™ solvents and reagents are specifically processed and purified to exacting specifications, ensuring outstanding synthesis efficiency. This makes them ideal for oligonucleotide synthesis regardless of the application. Solvents and reagents are filtered (0.2-micron for oxidation reagents and 0.1-micron for other reagents) to minimize particulate contamination.

FEATURES

- Low water content solvents, well suited for moisture sensitive applications
- High purity reagents to ensure improved over-all yield of final products
- Consistent quality manufacturing standards
- Packaging designed to facilitate direct connection to popular synthesizers

PACKAGING OPTIONS

- 1L, 2L, 2.5L and 4L glass bottles in a 38mm or 45mm neck finish
- 20L and 40L stainless steel NOWPak®II containers (NPII)
- 20L HDPE NOWPak® containers (NPI)
- 56L and 200L Stainless Steel Pressure Dispense System (SSPDS)
- 800L fluoropolymer lined totes
- 1,250L bulk containers
- Tank truck

This product line includes a wide range of DNA and RNA synthesis reagents including deblocks, activators, capping reagents and oxidizers in various formulations as well as acetonitrile with extremely low water content. BioSyn products address the needs of users in pharmacogenomics, diagnostics and drug discovery technologies and are routinely used in oligo synthesis to produce quantities ranging from lab scale through production levels.

Burdick & Jackson™ BioSyn solvents and reagents are available in a range of package sizes from 1L glass bottles to 1,250L bulk containers. Packaging is designed to facilitate direct connection to popular synthesizers.

Honeywell continues to expand the Burdick & Jackson™ BioSyn line of products to accommodate novel chemistries and formulations. These development activities are supported by the capability to synthesize oligonucleotides. We invite customers to contact our technical experts to discuss custom reagent formulations that do not appear in the product listings, as well as special packaging requirements.

Looking for a unique formulation or packaging?
Contact us at www.lab.honeywell.com/en/contact-us/

DEBLOCKING REAGENTS (Detritylation)

Package Info	Honeywell Catalog Number	Fisher Catalog Number
3% Trichloroacetic acid in Dichloromethane (w/v)		
4x2L	BR605-2	60090205
4x2.5L ²	BR605-4x2.5L	60090051
20L NPII	BR605-20	60090205
4x4L	BR605-4	60090051
3% Dichloroacetic acid in Dichloromethane (v/v)		
4x4L	SR622-4	60048418
20L NPII	SR622-20	60090203
200L SSPDS	CS622-200	60090202
3% Dichloroacetic acid in Toluene (v/v)		
4x4L	SR674-4	60048416
20L NPII	SR674-20	60090204
200L SSPDS	BR674-200	
10% Dichloroacetic acid in Toluene		
4x4L	BR676-4X4L	
4X2.5L ²	BR676-4X2.5L	60090035

ACTIVATOR REAGENTS

Package Info	Honeywell Catalog Number	Fisher Catalog Number
BMI		
0.30M 5-Benzylthio-1H-tetrazole, 0.5% NMI, 99.5% Acetonitrile¹		
2x1L ²	SR731-1	60048344
4x4L	BR731-4	60048339
20L NPII	BR731-20	60090021
200L SSPDS	BC731-200	60090023
ETT		
0.25M 5-Ethylthio-1H-tetrazole in Acetonitrile		
2x1L ²	SR721-1	60090103
4x2L	BR721-2	60048333
4x2.5L ²	BR721-4x2.5L	60090020
4x4L	BR721-4	60090020
20L NPII	BR721-20	60090110
56L SSPDS	BC721-56	60090111
200L SSPDS	BC721-200	60090105
0.50M 5-Ethylthio-1H-tetrazole in Acetonitrile		
2x1L ²	BR725-1	60048335
4x2.5L ²	BR725-2.5GL	
20L NPII	BR725-20	60090112
56L SSPDS	BC725-56	60090032
200L SSPDS	BC725-200	60090030
0.60M 5-Ethylthio-1H-tetrazole in Acetonitrile		
2x1L ²	BR726-1	60048337
4x4L	BR726-4	60048338
56L SSPDS	BC726-56	60090033
200L SSPDS	BR726-200	

CAPPING REAGENTS

Package Info	Honeywell Catalog Number	Fisher Catalog Number
10% Acetic Anhydride, 10% 2,6-Lutidine, 80% THF (v/v/v)		
4x2L	BR640-2	60048379
4x2.5L ²	BR640-4x2.5L	60090068
4x4L	BR640-4x4L	60049030
10% Acetic Anhydride, 10% Pyridine, 80% THF (v/v/v)		
4x2L	BR641-2	60048381
4x2.5L ²	BR641-4x2.5L	60090069
4x4L	BR641-4	60090069
10% Acetic Anhydride, 90% THF (v/v)		
4x4L	SR639-4	60048394
200L SSPDS	CS639-200	60090161
20% Acetic Anhydride, 30% 2,6-Lutidine, 50% Acetonitrile (v/v/v)³		
20L NPII	SR644-20	60090165
200L SSPDS	BC644-200	60090041
16% N-Methylimidazole, 84% THF (v/v)		
4x2L	BR650-2	60048384
4x2.5L ²	BR650-4x2.5L	60090071
4x4L	BR650-4	60048385EA
10% N-Methylimidazole, 90% THF (v/v)		
4x2L	BR651-2	60048387
4x2.5L ²	BR651-4x2.5L	60090072
4x4L	BR651-4	60048388
10% N-Methylimidazole, 10% Pyridine, 80% THF (v/v/v)		
4x4L	SR653-4	60048395
200L SSPDS	CS653-200	60090164
20% N-Methylimidazole, 80% Acetonitrile (v/v)		
2x1L ²	BR654-1	60048389
4x2.5L ²	BR654-2.5GL	60048390
20L NPII	SR654-20	60090159
56L SSPDS	SR654-56	60090160
200L SSPDS	SR654-200	60090159



¹US Patent 7,339,052

³GE Healthcare product designation for this formulation: Capping B

²45mm bottle neck finish

⁴Ideal for use as diluent and washing reagent

OXIDATION REAGENTS

Package Info	Honeywell Catalog Number	Fisher Catalog Number
0.02M Iodine, 2% Water, 20% Pyridine, 78% THF (v/v/v)		
4x2L	BR663-2	60048516
4x2.5L ²	BR663-4x2.5L	60090004
4x4L	BR663-4	60048517
0.05M Iodine, 10% Water, 90% Pyridine (v/v)		
4x2.5L ²	BR664-2.5GL	
4x4L	BR664-4	60048519
20L NPII	SR664-20	60090429
56L SSPDS	BR664-56L	
200L SSPDS	BR664-200	60090430
0.02M Iodine, 10% Water, 0.4% Pyridine, 89.6% THF (v/v/v)		
4x4L	BR665-4	60048520
0.02M Iodine, 10% Water, 20% Pyridine, 70% THF (v/v/v)		
4x2L	BR666-2	60090428
4x2.5L ²	BR666-4x2.5L	60090001
4x4L	SR666-4	60048524
20L NPII	SR666-20	60090427
56L SSPDS	BR666-56	60090432
200L SSPDS	BR666-200	60090431
0.05M Iodine, 10% Water, 10% Pyridine, 80% Acetonitrile (v/v/v)		
2x1L ²	BR761-1GL	60048522
4x4L	BR761-4	60048523
20L NPII	BN761-20	60090007
56L SSPDS	BC761-56	60090008
200L SSPDS	BC761-200	60090006

BURDICK & JACKSON™ BIOSYN™ SOLVENTS AND RELATED PRODUCTS

Package Info	Honeywell Catalog Number	Fisher Catalog Number
Acetonitrile⁴		
4x4L	BB017-4	60048327EA
20L NPII	BN017-20	60090092
56L SSPDS	BC017-56	60090093
200L SSPDS	BC017-200	60090091
1250L SSPDS	BC017-1250	60090090
Dichloromethane		
4x4L	BB301-4	60048423
20L NPII	BN301-20	
56L SSPDS	BC301-56	
200L SSPDS	BC301-200	60090219
Pyridine		
2.5L ²	BB333-2.5L	60090481
4x4L	BB333-4	60048571
20L NPII	BN333-20	
56L SSPDS	BC333-56	
200L SSPDS	BC333-200	60090480
Tetrahydrofuran		
4x4L	BB343-4	60048595
20L NPII	BN343-20	60090568
56L SSPDS	BC343-56	
200L SSPDS	BC343-200	
Triethylamine		
100mL	BB359P100	60048599
1L	BB359-1	60048598
Trifluoroacetic acid		
250mL	BB360P050	60048602

¹ US Patent 7,339,052

² 45mm bottle neck finish

³ GE Healthcare product designation for this formulation: Capping B

⁴ Ideal for use as diluent and washing reagent

Looking for a unique formulation or packaging?

Contact us at:

<https://lab.honeywell.com/en/contact-us>



Although Honeywell International Inc. believes that the information contained herein is accurate and reliable, it is presented without guarantee or responsibility of any kind and does not constitute any representation or warranty of Honeywell International Inc., either expressed or implied. A number of factors may affect the performance of any products used in conjunction with user's materials, such as other raw materials, application, formulation, environmental factors and manufacturing conditions among others, all of which must be taken into account by the user in producing or using the products. The user should not assume that all necessary data for the proper evaluation of these products are contained herein. Information provided herein does not relieve the user from the responsibility of carrying out its own tests and experiments, and the user assumes all risks and liabilities (including, but not limited to, risks relating to results, patent infringement, regulatory compliance and health, safety and environment) related to the use of the products and/or information contained herein.

Honeywell

Distributed by Fisher Scientific. Contact us today:

In the United States

Order online: fishersci.com

Call customer service: 1-800-766-7000

fisher scientific
part of Thermo Fisher Scientific