

# EMD Millipore

## Our Commitment to Sustainability

The products we create help our customers improve people's lives every day, but we recognize that every product we make also has an environmental impact. That's why we are committed to continually improving the sustainability performance of our products.

EMD Millipore products are designed to offer the highest degree of innovation, quality, safety, and effectiveness, while at the same time helping our customers minimize their own environmental impacts. We aim to develop future forward products and solutions that meet customer needs, result in reduced life cycle impacts and help solve global sustainability challenges.

### **We take greater responsibility to reduce our customer's environmental footprint**

**We are committed to supporting our customers in their efforts to select and use more sustainable options.**

As we build on our long-standing commitment to responsible chemical management, we are integrating the latest concepts in Sustainable and Green Chemistry. We refer to the comprehensive definition set forth by the Organisation for Economic Co-operation and Development (OECD) and also to the specific guidance in the U.S. Environmental Protection Agency's 12 Principles of Green Chemistry.

As we continue with our greener chemistry efforts, we already offer customers several more sustainable alternatives to conventional chemicals, reducing chemical waste, eliminating toxic contents, exhibiting better biodegradability, lowering associated emissions, and sourcing renewable ingredients. We also offer recyclable and reusable packaging solutions to reduce the environmental footprint of our products.



## Ordering Information

Description	Size	Packaging	Catalogue Number
<b>Products produced from renewable resources</b>			
2-Methyltetrahydrofuran EMPLURA®	1L	Glass Bottle	1.08292.1000
2-Methyltetrahydrofuran EMPLURA®	2.5L	Glass Bottle	1.08292.2500
2-Methyltetrahydrofuran EMPLURA®	4L	Glass Bottle	1.08292.4000
<b>This product is a non-synthetic ethanol produced from renewable resources (corn); Ethanol is listed on the U.S. EPA's Safer Choice Safer Chemical Ingredient List</b>			
Ethanol 96% EMSURE® Reag. Ph Eur	2.5L	Glass Bottle	1.59010.2500
Ethanol 96% EMSURE® Reag. Ph Eur	500ML	Glass Bottle	1.59010.0500
Ethanol absolute EMPLURA®	1L	Plastic Bottle	8.18760.1000
Ethanol absolute EMPLURA®	180L	Plastic Receptacle In Steeldrum	8.18760.9180
Ethanol absolute EMPLURA®	2.5L	Plastic Bottle	8.18760.2500
Ethanol absolute EMPLURA®	25L	Steel Drum	8.18760.9025
Ethanol absolute for analysis EMPARTA® ACS	2.5L	Plastic Bottle	1.07017.2511
Ethanol absolute for analysis EMPARTA® ACS	4L	Glass Bottle	1.07017.4000
Ethanol absolute for analysis EMPARTA® ACS	25L	Steel Drum	1.07017.9026
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	1L	Glass Bottle	1.00983.1000
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	1L	Plastic Bottle	1.00983.1011
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	2.5L	Glass Bottle	1.00983.2500
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	2.5L	Plastic Bottle	1.00983.2511
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	4L	Glass Bottle	1.00983.4000
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	5L	Plastic Bottle	1.00983.5000
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	10L	Steel Drum Returnable	1.00983.6010
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	25L	Steel Drum Returnable	1.00983.6025
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	25L	Plastic Receptacle In Steeldrum	1.00983.9025
Ethanol absolute for analysis EMSURE® ACS,ISO,Reag. Ph Eur	180L	Plastic Receptacle In Steeldrum	1.00983.9180
LiChrosolv® Ethanol gradient grade for liquid chromatography	500ML	Glass Bottle	1.11727.0500
LiChrosolv® Ethanol gradient grade for liquid chromatography	1L	Glass Bottle	1.11727.1000
LiChrosolv® Ethanol gradient grade for liquid chromatography	2.5L	Glass Bottle	1.11727.2500
LiChrosolv® Ethanol gradient grade for liquid chromatography	4L	Glass Bottle	1.11727.4000
LiChrosolv® Ethanol gradient grade for liquid chromatography	30L	Steel Drum Returnable	1.11727.9030
<b>Ethanol is listed on the U.S. EPA's Safer Choice Safer Chemical Ingredient List</b>			
SeccoSolv® Ethanol dried (max. 0.01 % H <sub>2</sub> O)	150ML	Septum Bottle	1.00990.0161
SeccoSolv® Ethanol dried (max. 0.01 % H <sub>2</sub> O)	500ML	Glass Bottle	1.00990.0500
SeccoSolv® Ethanol dried (max. 0.01 % H <sub>2</sub> O)	1L	Glass Bottle	1.00990.1001
Ethanol for spectroscopy Uvasol®	500ML	Glass Bottle	1.00980.0500
Ethanol for spectroscopy Uvasol®	2.5L	Glass Bottle	1.00980.2500
LiChrosolv® Ethanol gradient grade for liquid chromatography	500ML	Glass Bottle	1.11727.0500
LiChrosolv® Ethanol gradient grade for liquid chromatography	1L	Glass Bottle	1.11727.1000
LiChrosolv® Ethanol gradient grade for liquid chromatography	2.5L	Glass Bottle	1.11727.2500
LiChrosolv® Ethanol gradient grade for liquid chromatography	4L	Glass Bottle	1.11727.4000
LiChrosolv® Ethanol gradient grade for liquid chromatography	30L	Steel Drum Returnable	1.11727.9030
Ethanol absolute denatured with 1 % MEK and 0.001 % Bitrex GR for analysis	180L	Plastic Receptacle In Steeldrum	1.02428.9180
Ethanol absolute denatured with 1 % MEK and 0.001 % Bitrex GR for analysis	2.5L	Plastic Bottle	1.02428.2500
Ethanol Solution 70% W/V	200L	Plastic Drum	EX0281-10
Ethanol Solution 70% W/V	4L	Glass Bottle	EX0281-1
<b>Isopropyl alcohol is listed on the U.S. EPA's Safer Choice Safer Chemical Ingredient List</b>			
2-Propanol EMPLURA®	1L	Plastic Bottle	8.18766.1000
2-Propanol EMPLURA®	2.5L	Plastic Bottle	8.18766.2500
DriSolv® Isopropyl Alcohol, Anhydrous	100ML	Glass Bottle	PX1827-7
GR ACS Isopropyl Alcohol	1L	Glass Bottle	PX1835-2
GR ACS Isopropyl Alcohol	1L	Plastic Bottle	PX1835-9
GR ACS Isopropyl Alcohol	20L	Steel Drum	PX1835-3
GR ACS Isopropyl Alcohol	200L	Steel Drum	PX1835-20
GR ACS Isopropyl Alcohol	200L	Steel Drum	PX1835-PP20
GR ACS Isopropyl Alcohol	4L	Glass Bottle	PX-1835-5
GR ACS Isopropyl Alcohol	4L	Plastic Bottle	PX1835-7
GR ACS Isopropyl Alcohol	4L	Poly Coated Glass Bottle	PX1835P-4
GR ACS Isopropyl Alcohol	500ML	Glass Bottle	PX1835-6
Isopropyl Alcohol	20L	Steel Drum	PX1830-3
Isopropyl Alcohol	200L	Steel Drum	PX1830-20
Isopropyl Alcohol	4L	Plastic Bottle	PX1830-4
Isopropyl Alcohol HPLC	1L	Poly Coated Glass Bottle	PX1838P-6
Isopropyl Alcohol HPLC	20L	NOWPak	PX1838-NP20
Isopropyl Alcohol HPLC	4L	Glass Bottle	PX1838-1
Isopropyl Alcohol HPLC	4L	Poly Coated Glass Bottle	PX1838P-1
OmniSolv® Isopropyl Alcohol	1L	Glass Bottle	PX1834-6

Description	Size	Packaging	Catalogue Number
OmniSolv® Isopropyl Alcohol	20L	NOWPak	PX1834-NP20
OmniSolv® Isopropyl Alcohol	4L	Glass Bottle	PX1834-1
OmniSolv® Isopropyl Alcohol	4L	Poly Coated Glass Bottle	PX1834P-1
<b>Products available in Titripac® packaging. These packaging systems are more than 70% corrugated, which is a renewable and recyclable material</b>			
Certipur® Buffer solution(di-sodium hydrogen phosphate/potassium dihydrogen phosphate), colour: green traceable to SRM from NIST and PTB pH 7.00 (20°C)	10L	Titripac PE/Alu	1.09477.9010
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide), coloured: blue traceable to SRM from NIST and PTB pH 9.00 (20°C)	4L	Titripac PE/Alu	1.09476.4000
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide), coloured: blue traceable to SRM from NIST and PTB pH 9.00 (20°C)	10L	Titripac PE/Alu	1.09476.9010
Certipur® Buffer solution(potassium dihydrogen phosphate/disodium hydrogen phosphate)traceable to SRM from NIST and PTB pH 7.00 (25°C)	4L	Titripac PE/Alu	1.09407.4000
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 2.00 (20°C)	4L	Titripac PE/Alu	1.09433.4000
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 2.00 (20°C)	10L	Titripac PE/Alu	1.09433.9010
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 4.00 (20°C)	4L	Titripac PE/Alu	1.09435.4000
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 4.00 (20°C)	10L	Titripac PE/Alu	1.09435.9010
Certipur® Buffer solution (citric acid/sodium hydroxide), traceable to SRM from NIST and PTB pH 6.00 (20°C)	4L	Titripac PE/Alu	1.09437.4000
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide), traceable to SRM from NIST and PTB pH 10.00 (20°C)	4L	Titripac PE/Alu	1.09438.4000
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide), traceable to SRM from NIST and PTB pH 10.00 (20°C)	10L	Titripac PE/Alu	1.09438.9010
Certipur® Buffer solution (di-sodium hydrogen phosphate/potassium dihydrogen phosphate), traceable to SRM from NIST and PTB pH 7.00 (20°C)	4L	Titripac PE/Alu	1.09439.4000
Certipur® Buffer solution (di-sodium hydrogen phosphate/potassium dihydrogen phosphate), traceable to SRM from NIST and PTB pH 7.00 (20°C)	10L	Titripac PE/Alu	1.09439.9010
Certipur® Buffer solution (boric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 8.00 (20°C)	4L	Titripac PE/Alu	1.09460.4000
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide), traceable to SRM from NIST and PTB pH 9.00 (20°C)	4L	Titripac PE/Alu	1.09461.4000
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide), traceable to SRM from NIST and PTB pH 9.00 (20°C)	10L	Titripac PE/Alu	1.09461.9010
Certipur® Buffer Solution (boric acid/potassium chloride/sodium hydroxide) colour coded: yellow, traceable to NIST and PTB pH 10.00 (20°C)	4L	Titripac PE/Alu	1.09400.4000
Certipur® Buffer Solution (boric acid/potassium chloride/sodium hydroxide) colour coded: yellow, traceable to NIST and PTB pH 10.00 (20°C)	10L	Titripac PE/Alu	1.09400.9010
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride) colour: red traceable to SRM from NIST and PTB pH 4.00 (20 °C)	4L	Titripac PE/Alu	1.09475.4000
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride) colour: red traceable to SRM from NIST and PTB pH 4.00 (20 °C)	10L	Titripac PE/Alu	1.09475.9010
Certipur® Buffer solution (glycine/sodium chloride/hydrogen chloride), traceable to SRM from NIST and PTB pH 1.00 (25°C)	4L	Titripac PE/Alu	1.09441.4000
Certipur® Buffer solution(boric acid/potassium chloride/sodium hydroxide) colour coded: blue, traceable to NIST and PTB pH 10.00 (25°C)	4L	Titripac PE/Alu	1.99050.4000
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide)traceable to SRM from NIST and PTB pH 10.00 (25°C)	4L	Titripac PE/Alu	1.99049.4000
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide), traceable to SRM from NIST and PTB pH 11.00 (25°C)	4L	Titripac PE/Alu	1.99041.4000
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 2.00 (25°C)	4L	Titripac PE/Alu	1.09442.4000
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 3.00 (25°C)	4L	Titripac PE/Alu	1.09444.4000
Certipur® Buffer solution (citric acid/sodium hydroxide/hydrogen chloride) traceable to SRM from NIST and PTB pH 4.00 (25°C)	4L	Titripac PE/Alu	1.09445.4000
Buffer solution (citric acid/sodium hydroxide/hydrogen chloride) colour: red, traceable to SRM from NIST and PTB pH 4.00 (25 °C)	4L	Titripac PE/Alu	1.99054.4000
Certipur® Buffer solution (potassium hydrogen phthalate), traceable to SRM from NIST and PTB pH 4.01 (25°C)	4L	Titripac PE/Alu	1.09406.4000
Certipur® Buffer solution (citric acid/sodium hydroxide) traceable to SRM from NIST and PTB pH 5.00 (25°C)	4L	Titripac PE/Alu	1.09446.4000
Certipur® Buffer solution (di-sodium hydrogen phosphate/potassium dihydrogen phosphate), colour: yellowtraceable to SRM from NIST and PTB pH 7.00 (25°C)	4L	Titripac PE/Alu	1.99057.4000
Certipur® Buffer solution (boric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 8.00 (25°C)	4L	Titripac PE/Alu	1.99038.4000
Certipur® Buffer solution (boric acid/potassium chloride/sodium hydroxide)traceable to SRM from NIST and PTB pH 9.00 (25°C)	4L	Titripac PE/Alu	1.09408.4000
Titripur® Hydrochloric acid c(HCl) = 1 mol/l (1 N) Titripur® Reag. Ph Eur,Reag. USP	4L	Titripac PE/Alu	1.09057.4000
Titripur® Hydrochloric acid c(HCl) = 1 mol/l (1 N) Titripur® Reag. Ph Eur,Reag. USP	10L	Titripac PE/Alu	1.09057.9010
Titripur® Hydrochloric acid c(HCl) = 0.1 mol/l (0.1 N) Titripur® Reag. Ph Eur,Reag. USP	10L	Titripac PE/Alu	1.09060.9010
Titripur® Hydrochloric acid c(HCl) = 3.571 mol/l (1/0.28 N) Titripur®	10L	Titripac PE/Alu	1.13134.9010
Titripur® Hydrochloric acid c(HCl) = 0.357 mol/l (1/2.8 N) Titripur®	10L	Titripac PE/Alu	1.13136.9010
Titripur® Hydrochloric acid c(HCl) = 0.5 mol/l (0.5 N) Titripur® Reag. Ph Eur,Reag. USP	4L	Titripac PE/Alu	1.09058.4000
Titripur® Hydrochloric acid c(HCl) = 0.1 mol/l (0.1 N) Titripur® Reag. Ph Eur,Reag. USP	4L	Titripac PE/Alu	1.09060.4000
Titripur® Silver nitrate solution c(AgNO <sub>3</sub> ) = 0.1 mol/l (0.1 N) Titripur® Reag. Ph Eur,Reag. USP	4L	Titripac PE/Alu	1.09081.4000
Titripur® Silver nitrate solution c(AgNO <sub>3</sub> ) = 0.1 mol/l (0.1 N) Titripur® Reag. Ph Eur,Reag. USP	10L	Titripac PE/Alu	1.09081.9010
Titripur® Sodium hydroxide solution c(NaOH) = 0.33 mol/l (1/3 N) Titripur®	10L	Titripac PE/Alu	1.05595.9010
Titripur® Sodium hydroxide solution c(NaOH) = 0.5 mol/l (0.5 N) Titripur®	10L	Titripac PE/Alu	1.09138.9010
Titripur® Sodium hydroxide solution c(NaOH) = 0.25 mol/l (0.25 N) Titripur®	10L	Titripac PE/Alu	1.09139.9010
Titripur® Sodium hydroxide solution c(NaOH) = 0.2 mol/l (0.2 N) Titripur®	10L	Titripac PE/Alu	1.09140.9010
Titripur® Sodium hydroxide solution c(NaOH) = 0.1 mol/l (0.1 N) Titripur® Reag. Ph Eur,Reag. USP	10L	Titripac PE/Alu	1.09141.9010
Titripur® Sodium hydroxide solution c(NaOH) = 0.5 mol/l (0.5 N) Titripur®	4L	Titripac PE/Alu	1.09138.4000
Titripur® Sodium hydroxide solution c(NaOH) = 0.1 mol/l (0.1 N) Titripur® Reag. Ph Eur,Reag. USP	4L	Titripac PE/Alu	1.09141.4000
Titripur® Sodium hydroxide solution c(NaOH) = 1 mol/l (1 N) Titripur® Reag. Ph Eur,Reag. USP	4L	Titripac PE/Alu	1.09137.4000
Titripur® Sodium hydroxide solution c(NaOH) = 1 mol/l (1 N) Titripur® Reag. Ph Eur,Reag. USP	10L	Titripac PE/Alu	1.09137.9010
Titripur® Sodium thiosulfate solution c(Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> · 5 H <sub>2</sub> O) = 0.1 mol/l (0.1 N) Titripur® Reag. Ph Eur,Reag. USP	10L	Titripac PE/Alu	1.09147.9010
Titripur® Sodium thiosulfate solution c(Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> · 5 H <sub>2</sub> O) = 0.1 mol/l (0.1 N) Titripur® Reag. Ph Eur,Reag. USP	4L	Titripac PE/Alu	1.09147.4000
Titripur® Sulfuric acid c(H <sub>2</sub> SO <sub>4</sub> ) = 0.5 mol/l (1 N) Titripur® Reag. Ph Eur,Reag. USP	10L	Titripac PE/Alu	1.09072.9010
Titripur® Sulfuric acid c(H <sub>2</sub> SO <sub>4</sub> )=0,25MOL/L (0.5N) c(H <sub>2</sub> SO <sub>4</sub> ) = 0.25 mol/l (0.5 N) Titripur®	10L	Titripac PE/Alu	1.09073.9010
Titripur® Sulfuric acid c(H <sub>2</sub> SO <sub>4</sub> ) = 0.05 mol/l (0.1 N) Titripur® Reag. Ph Eur	10L	Titripac PE/Alu	1.09074.9010
Titripur® Sulfuric acid c(H <sub>2</sub> SO <sub>4</sub> ) = 0.5 mol/l (1 N) Titripur® Reag. Ph Eur,Reag. USP	4L	Titripac PE/Alu	1.09072.4000
Titripur® Sulfuric acid c(H <sub>2</sub> SO <sub>4</sub> )=0,25MOL/L (0.5N) c(H <sub>2</sub> SO <sub>4</sub> ) = 0.25 mol/l (0.5 N) Titripur®	4L	Titripac PE/Alu	1.09073.4000
Titripur® Sulfuric acid c(H <sub>2</sub> SO <sub>4</sub> ) = 0.05 mol/l (0.1 N) Titripur® Reag. Ph Eur	4L	Titripac PE/Alu	1.09074.4000
Titripur® Titriplex® III for metal titration c(Naz-EDTA · 2 H <sub>2</sub> O) = 0.1 mol/l Reag. Ph Eur	4L	Titripac PE/Alu	1.08431.4000
Titripur® Titriplex® III for metal titration c(Naz-EDTA · 2 H <sub>2</sub> O) = 0.1 mol/l Reag. Ph Eur	10L	Titripac PE/Alu	1.08431.9010
Titripur® Titriplex® solution B for the determination of alkaline earth metals in water 1 ml 10 mg CaO/l using 100 ml of water.	10L	Titripac PE/Alu	1.08420.9010

# Feed your business, starve a landfill.

## EMD ReCycler™ Bulk Solvent Delivery Systems

Using our bulk solvent delivery service offers another way your company can reduce its carbon footprint. We do this by reusing the bulk solvent containers we deliver. This in turn reduces the waste and cost of the disposal of smaller containers that would simply end up in a landfill or disposal facility.



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