

# REDI-DRI™ FREE-FLOWING SALTS AND BUFFERS

Break it or Shake it? Now you have a real choice!



## Improve Your Lab Efficiency

The Redi-Dri product line eliminates the clumping typically noted with many hygroscopic powders and provides a free-flowing, ready-to-use material every time. Don't waste money or valuable time with salts that harden while sitting on the shelf.

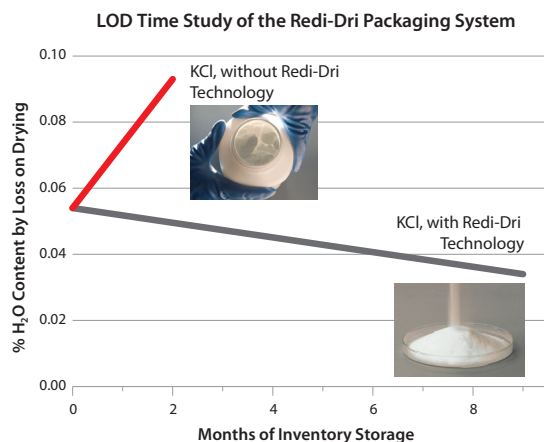
### Redi-Dri™ Features and Benefits

- **Increased efficiency** – Enhance usability with consistent free-flowing material for every use
- **Safer to use** – Reduce the frustration and risk involved with breaking clumps often found in hygroscopic powders and eliminate tools of force
- **Less waste** – Never discard material again that cannot be removed from its packaging or is wasted following analytical standards
- **Cost savings** – Every Redi-Dri use helps shorten prep time and solvate reagents faster directly providing time and money savings
- **Trusted quality** – Redi-Dri does not contain any anti-caking agents and product integrity is always assured
- **Beaker to bulk sizes** – Research size or scale-up applications. Redi-Dri is designed to meet every need

## Testing of the Redi-Dri™ Packaging System

A time study was performed on a hygroscopic salt (KCl) to test the Redi-Dri system against the standard packaging, in a controlled humidity environment. Loss Of Drying (LOD) analysis was also performed in controlled conditions. Results showed that while traditional packaging allowed material to absorb atmospheric moisture resulting in a hard clumpy appearance, the Redi-Dri packaging prevented water absorption. LOD values confirmed a decrease in moisture content in the Redi-Dri system as compared to the traditional system. The Redi-Dri material remained free-flowing throughout the 9-month test period.

See complete test summary at [sigma-aldrich.com/redi-dri-test](http://sigma-aldrich.com/redi-dri-test)



## Convenient Pack Sizes

From 100g to 25kg, there is a Redi-Dri size that meets your needs.



## Our Most Popular Salts and Buffers

**HEPES** – One of the best general purpose buffers available for bio-research

**Magnesium sulfate** – Readily dissolvable for every biochemical application.

**MOPS** – Component of running buffer in fractionation of RNA on formaldehyde agarose gels

**Potassium chloride** – Dynamic capability of acting as a drying agent or making saline for research.

**Trizma and Trizma HCl** – Sigma-Aldrich® brand is the pioneer in Tris for laboratory use



## Find Redi-Dri products alphabetically and by Grade (ACS, Reagent Plus®, Reagent grade, etc.)

Cat. No.	Product Description
RDD010	ACES, anhydrous, free-flowing, Redi-Dri™, ≥99.0%
RDD011	Agar, anhydrous, free-flowing, Redi-Dri™, ash 2.0-4.5%
799300	Aluminum oxide, activated, acidic, Brockmann I, free-flowing, Redi-Dri™
799319	Aluminum oxide, activated, neutral, Brockmann I, free-flowing, Redi-Dri™
798568	Ammonium formate, anhydrous, free-flowing, Redi-Dri™, reagent grade, 97%
795461	Ammonium phosphate monobasic, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥98%
795437	L-Ascorbic acid, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
798533	2,2'-Bipyridyl, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, 99%
RDD014	BIS-TRIS propane, anhydrous, free-flowing, Redi-Dri™, ≥99.0%
RDD013	BIS-TRIS, anhydrous, free-flowing, Redi-Dri™, ≥98.0%
795445	Calcium carbonate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
746495	Calcium chloride, anhydrous, free-flowing, Redi-Dri™, ≥97%
793639	Calcium chloride, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥96%
RDD015	CAPS, anhydrous, free-flowing, Redi-Dri™, ≥98.0%
746487	Cesium chloride, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, 99.9%
791725	Citric acid, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.5%
RDD017	Ethylenediaminetetraacetic acid, anhydrous, free-flowing, powder, Redi-Dri™, ACS reagent, 99.4-100.6%
798681	Ethylenediaminetetraacetic acid, anhydrous, free-flowing, Redi-Dri™, ≥98%
798673	Fumaric acid, anhydrous, free-flowing, Redi-Dri™, ≥99%
RDD016	D-(+)-Glucose, anhydrous, free-flowing, Redi-Dri™, ≥99.5%
798053	Glycolic acid, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, 99%
RDD001	Guanidine hydrochloride, anhydrous, free-flowing, Redi-Dri™, ≥99%
RDD002	HEPES, anhydrous, free-flowing, Redi-Dri™, ≥99.5%
797979	Hexamethylenetetramine, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.0%
792527	Imidazole, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
795453	Kaolin, anhydrous, free-flowing, Redi-Dri™
746479	Lithium bromide, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%
746460	Lithium chloride, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
793620	Lithium chloride, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, 99%
793612	Magnesium sulfate, anhydrous, free-flowing, Redi-Dri™, reagent grade, ≥97%
746452	Magnesium sulfate, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99.5%
792535	Malonic acid, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, 99%
RDD018	MOPS sodium salt, anhydrous, free-flowing, Redi-Dri™, ≥99.5%
RDD003	MOPS, anhydrous, free-flowing, Redi-Dri™, ≥99.5%
797995	Phthalic anhydride, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
RDD004	PIPES, anhydrous, free-flowing, Redi-Dri™, ≥99%
791733	Potassium acetate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
746444	Potassium bromide, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
793604	Potassium bromide, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%
791776	Potassium carbonate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
799386	Potassium chlorate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
746436	Potassium chloride, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
793590	Potassium chloride, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%

Cat. No.	Product Description
746428	Potassium iodide, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
793582	Potassium iodide, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, 99%
795496	Potassium phosphate dibasic, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥98%
795488	Potassium phosphate monobasic, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
RDD020	Potassium phosphate monobasic, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99.0% (titration)
RDD019	Potassium phosphate tribasic, anhydrous, free-flowing, Redi-Dri™, reagent grade, ≥98%
791741	Sodium acetate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
792519	Sodium bicarbonate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.7%
799394	Sodium bisulfite, anhydrous, free-flowing, mixture of NaHSO3 and Na2S2O5, Redi-Dri™, ACS reagent
793574	Sodium bromide, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
746401	Sodium bromide, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%
791768	Sodium carbonate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.5%
746398	Sodium chloride, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
793566	Sodium chloride, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%
RDD021	Sodium dodecyl sulfate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.0%
798630	Sodium formate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
795429	Sodium hydroxide, anhydrous, free-flowing, pellets, Redi-Dri™, ACS reagent, ≥97%
746371	Sodium iodide, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.5%
793558	Sodium iodide, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%
799343	Sodium metabisulfite, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%
799416	Sodium nitrite, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥97%
795410	Sodium phosphate dibasic, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
RDD022	Sodium phosphate dibasic, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99.0%
RDD007	Sodium phosphate monobasic, anhydrous, free-flowing, Redi-Dri™, ≥99.0%
792500	Sodium pyruvate, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%
746363	Sodium sulfate, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%
793531	Sodium sulfate, anhydrous, free-flowing, Redi-Dri™, ReagentPlus®, ≥99%
798592	Sodium sulfate, anhydrous, granular, free-flowing, Redi-Dri™, ACS reagent, ≥99%
797987	Succinic acid, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.0%
RDD023	Sucrose, anhydrous, free-flowing, Redi-Dri™, ACS reagent
798665	L-(+)-Tartaric acid, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.5%
791784	Tetrabutylammonium hydrogensulfate, anhydrous, free-flowing, Redi-Dri™, 97%
RDD024	Tricine, anhydrous, free-flowing, Redi-Dri™, ≥99%
RDD008	Trizma® base, anhydrous, free-flowing, Redi-Dri™, ≥99.9%
RDD009	Trizma® hydrochloride, anhydrous, free-flowing, Redi-Dri™, ≥99.0%
746355	Zinc chloride, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥97%
793523	Zinc chloride, anhydrous, free-flowing, Redi-Dri™, reagent grade, ≥98%

For more information, visit

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