

# More than sure. EMSURE®

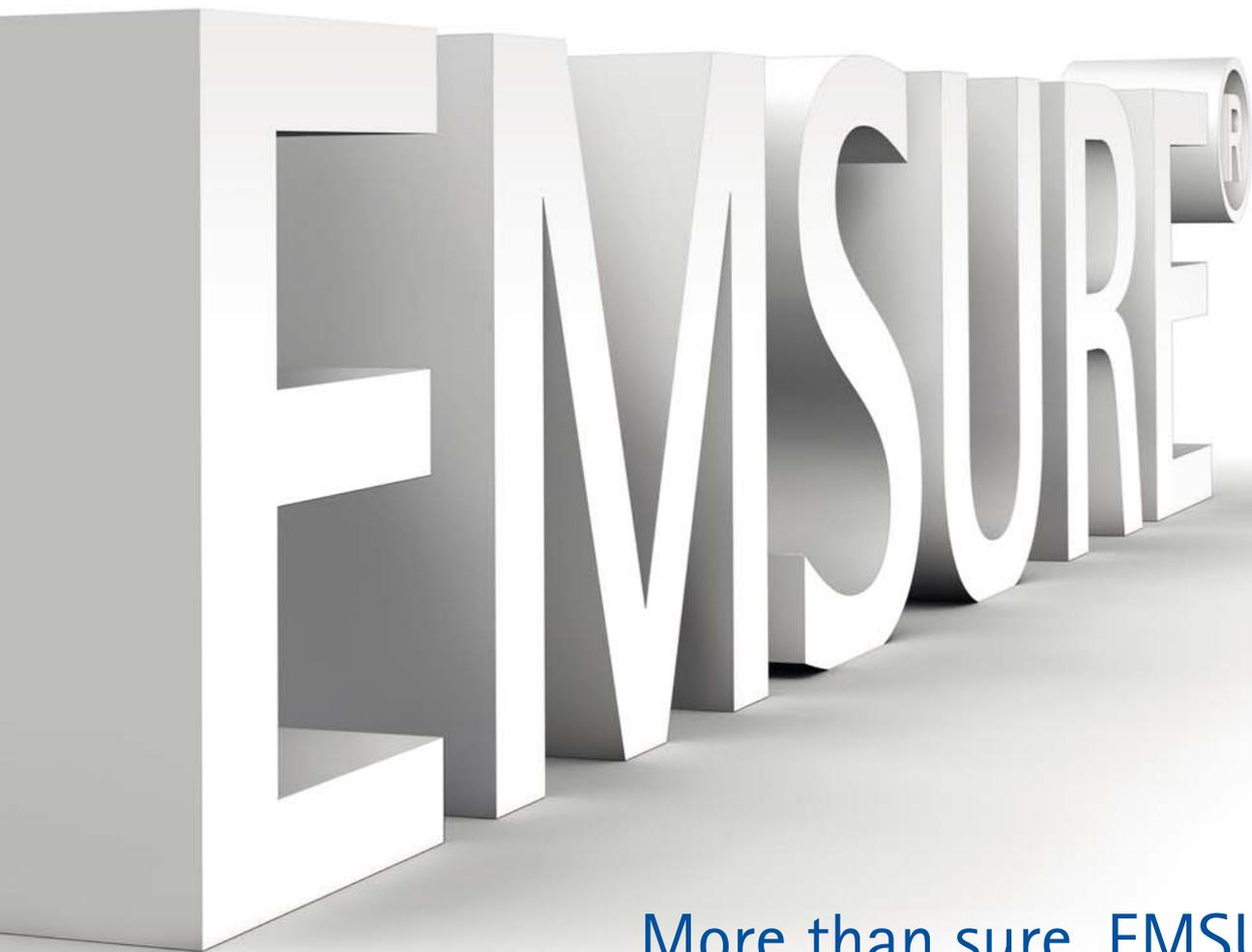
Trusted reagents for all regulated and demanding lab applications

Application-optimized and specified for up to 70 parameters, EMSURE® reagents and chemicals give you full control of test conditions for regulated and demanding lab applications.



# How can you eliminate uncertainty in both analytical method development and routine analysis?

Precise, reliable analytical data are the backbone of any laboratory. With its distinguished EMSURE® range, EMD Millipore is the ideal partner to help you control test parameters and eliminate uncertainty in daily and demanding chemical analysis. Consisting of premium grade salts, acids, caustics, and solvents, EMSURE® products provide an extra level of quality and consistency thanks to their unmatched specifications. This drives efficiency and accuracy – in both complex method development and routine analysis – to enable optimal results. How do we achieve this? Through a simple but powerful principle:



More than sure. EMSURE®

# Ordering information

## EMSURE® product range at a glance



### EMSURE® Acids

Product	Cat. No.
Acetic acid (glacial) 100 % anhydrous for analysis EMSURE® ACS, ISO, Reag. Ph Eur	100063
Boric acid for analysis EMSURE® ACS, ISO, Reag. Ph Eur	100165
Citric acid monohydrate for analysis EMSURE® ACS, ISO, Reag. Ph Eur	100244
Formic acid 98 – 100 % for analysis EMSURE® ACS, Reag. Ph Eur	100264
Hydrochloric acid fuming 37 % for analysis EMSURE® ACS, ISO, Reag. Ph Eur	100317
Hydrogen peroxide 30 % (Perhydrol®) for analysis EMSURE® ISO	107209
Nitric acid 65 % for analysis EMSURE® ISO	100456
Nitric acid 69 % for analysis EMSURE® ACS, Reag. Ph Eur	101799
ortho-Phosphoric acid 85 % for analysis EMSURE® ACS, ISO, Reag. Ph Eur	100573
Sulfuric acid 95 – 97 % for analysis EMSURE® ISO	100731



### EMSURE® Caustics and Bases

Product	Cat. No.
Ammonia solution 25 % for analysis EMSURE®	105432
Potassium hydroxide pellets for analysis EMSURE®	105033
Sodium hydroxide pellets for analysis EMSURE® ISO	106498
Sodium hydroxide solution about 32 % (for the determination of nitrogen) for analysis EMSURE®	105590



### EMSURE® Salts

Product	Cat. No.
Ammonium acetate for analysis EMSURE® ACS, Reag. Ph Eur	101116
Ammonium chloride for analysis EMSURE® ACS, ISO, Reag. Ph Eur	101145
Ammonium sulfate for analysis EMSURE® ACS, ISO, Reag. Ph Eur	101217
Potassium chloride for analysis EMSURE®	104936
Potassium dihydrogen phosphate for analysis EMSURE® ISO	104873
Potassium iodide for analysis EMSURE® ISO, Reag. Ph Eur	105043
Sodium chloride for analysis EMSURE® ACS, ISO, Reag. Ph Eur	106404
tri-Sodium citrate dihydrate for analysis EMSURE® ACS, ISO, Reag. Ph Eur	106448
Sodium dihydrogen phosphate monohydrate for analysis EMSURE® ACS, Reag. Ph Eur	106346
di-Sodium hydrogen phosphate dihydrate for analysis EMSURE®	106580
Sodium sulfate anhydrous for analysis EMSURE® ACS, ISO, Reag. Ph Eur	106649



## EMSURE® Solvents

Product	Cat. No.
Acetone for analysis EMSURE® ACS, ISO, Reag. Ph Eur	100014
Chloroform for analysis EMSURE® ACS, ISO, Reag. Ph Eur	102445
Cyclohexane for analysis EMSURE® ACS, ISO, Reag. Ph Eur	109666
Dichloromethane for analysis EMSURE® ACS, ISO, Reag. Ph Eur	106050
Diethyl ether for analysis EMSURE® ACS, ISO, Reag. Ph Eur	100921
Dimethyl sulfoxide for analysis EMSURE® ACS	102952
N,N-Dimethylformamide for analysis EMSURE® ACS, ISO, Reag. Ph Eur	103053
Ethanol absolute for analysis EMSURE® ACS, ISO, Reag. Ph Eur	100983
Ethyl acetate for analysis EMSURE® ACS, ISO, Reag. Ph Eur	109623
Ethylene glycol for analysis EMSURE® Reag. Ph Eur, Reag. USP	109621
n-Heptane for analysis EMSURE® Reag. Ph Eur	104379
n-Hexane for analysis EMSURE® ACS, Reag. Ph Eur	104374
Isooctane for analysis EMSURE® ACS, Reag. Ph Eur	104727
Methanol for analysis EMSURE® ACS, ISO, Reag. Ph Eur	106009
Petroleum benzine boiling range 40 – 60°C for analysis EMSURE® ACS, ISO	101775
2-Propanol for analysis EMSURE® ACS, ISO, Reag. Ph Eur	109634
Pyridine EMSURE® ACS, Reag. Ph Eur	109728
Tetrahydrofuran for analysis EMSURE® ACS, ISO, Reag. Ph Eur	109731
Toluene for analysis EMSURE® ACS, ISO, Reag. Ph Eur	108325
Xylene for analysis EMSURE® ACS, ISO, Reag. Ph Eur	108661

The above-mentioned products represent a selection of the EMSURE® range of chemicals and reagents. For more information and products please visit [www.emdmillipore.com/emsure](http://www.emdmillipore.com/emsure)



For more information about our  
**100 % Fascinated by analytics** campaign please visit:  
[www.emdmillipore.com/fascinated-by-analytics](http://www.emdmillipore.com/fascinated-by-analytics)

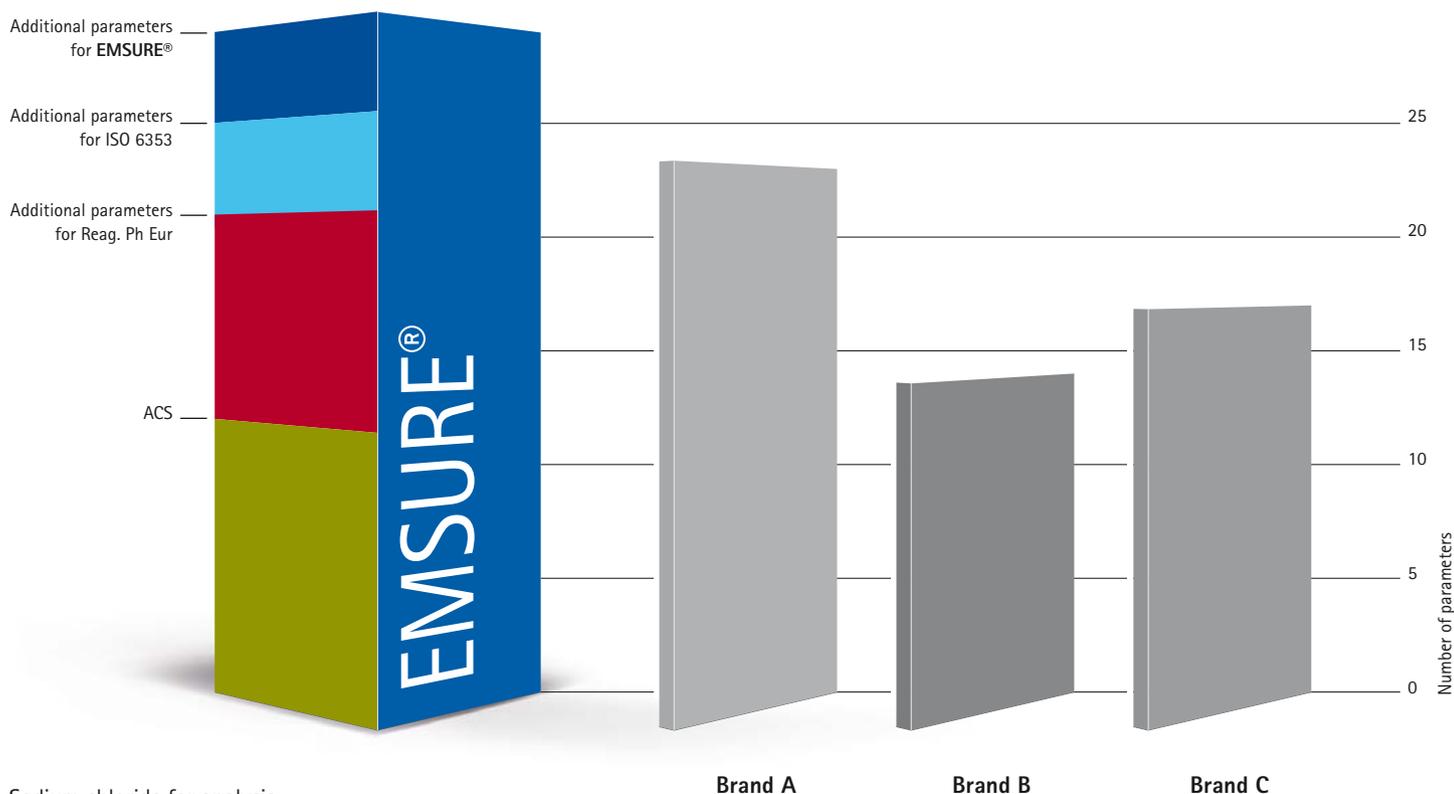
# More precision. More security. More variety.

- **Know your impurity profile** with application-tested reagents; up to 70 test parameters analyzed and specified
- **Obtain more accurate and reliable results** due to up-to-date analytical methods for determination of assay and extremely low impurity values
- Choose from a wider range of packaging sizes and materials, providing you **the highest convenience and safety**, for both your laboratory and the environment
- **Fulfill regulatory requirements.** Where applicable, EMSURE® products comply with ACS, ISO and Reag. Ph Eur, thus they are safe to use for applications in major regulated markets

## The most parameters.

Using the example of sodium chloride for analysis EMSURE®, the graph demonstrates the number of parameters typically specified by EMSURE® products compared with that of similar products from three other brands and international guidelines (ACS, Reag. Ph Eur, ISO).

**Clearly, EMSURE® surpasses all others in terms of specifications.**



Sodium chloride for analysis  
EMSURE®, ACS, ISO, Reag. Ph Eur  
(Cat. No. 106404)

We provide information and advice to our customers to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.



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