

# The right gas mixture in just a few clicks

**Online e-Mixture Guide makes the search for gas mixtures easy**

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**It's a familiar problem for laboratory technicians: you need a particular gas mixture – perhaps for calibration - but you don't know exactly what data you need to provide to be sure that the mixture complies with the correct specifications. Not only that, the cost or delivery deadline might not be immediately clear. Air Liquide's new e-Mixture Guide offers a ready-made answer to all these questions.**

The [e-Mixture guide](#) is a smart, powerful and user-friendly online tool which guides customers to the right gas mixture for their needs in just a few steps, whether on PC, Mac or tablets. Users can be confident that the chosen mixture will meet all the required specifications.

## Accurate, fast and comprehensive

“We developed the Guide to optimally support customers who are looking for a particular gas mixture,” explains Simon James, from Air Liquide’s Research & Analysis team.

“The tool is also very useful for us at Air Liquide. It ensures we get all the information we need to determine a price and delivery date quickly. In the past, there was often information missing in price requests, meaning that we had to go back and ask the customer, losing precious time.”

“The e-Mixture Guide is available 24/7 and price requests are handled as a priority. In most cases, the quotation follows within two working days. The order can then be placed immediately via the usual channels.”

## Multiple search options for ease of use

Users can not only search based on the application for which they want to use the gas, but they can also create a mixture themselves from scratch or choose from a wide range of standard gas mixtures.

Since the inventory of standard gas mixtures has many components, the search can be narrowed by filtering by name, the number of components, or the formula. In the latter case, it is not necessary to include the entire formula. If you enter “CH<sub>4</sub>” for example, the guide lists all the standard mixtures containing methane.

## Do it yourself

Users who wish to create a mixture themselves can indicate whether the mixture must be delivered together with a certificate. The various components - more than 160 are available - can then be selected, as well as the quantity of each component in the mixture (in ppm, ppb, percentage by volume or weight, etc.). To complete the process, a balance gas must also

be selected, and the total quantity of the mixture must be indicated by selecting the cylinder size required.

## Selecting the application

“You can also search for gas mixtures based on activity area, such as for use in engine emissions testing or industrial emission monitoring, perhaps involving natural gas analysis or gas detection. The e-Mixture Guide displays the 7 searchable activity areas, and depending on the choice you make there, you will then see one or more subdivisions. For example, you can search further for the precise application you have in mind, or perhaps based on a specific analysis device.”

“The e-Mixture Guide was launched in the UK in Q4 2019 and early feedback is already positive. However, we’re continuing to develop and expand the guide and in time, will integrate into other Air Liquide digital platforms.”

View the e-Mixture Guide [here](#).

### What is your analytical application?

