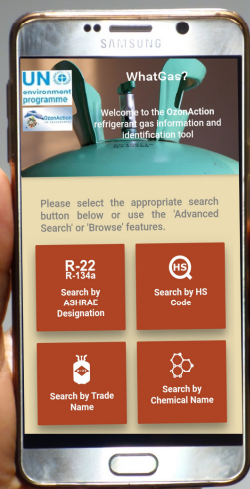


UPDATED!



OZONACTION FLYER

The **WhatGas?** UN Environment Programme (UNEP) OzonAction application is an information and identification tool for refrigerant gases: ozone depleting substances (ODS), HFCs and other alternatives. It is intended to provide a number of stakeholders, including Montreal Protocol National Ozone Officers, customs officers, and refrigeration and air-conditioning technicians with a modern, easy-to-use tool that can be accessed via mobile devices or the OzonAction website to facilitate work in the field, when dealing with or inspecting ODS and alternatives, and as a useful reference tool. If the user requires additional information or assistance in identifying a refrigerant gas they are inspecting or that is described in the relevant paperwork, this can be easily obtained by consulting the application.

Information includes:

- Chemical name, formula, and type
- ASHRAE designation
- Trade names
- Harmonised System (HS) codes
- Chemical Abstract Service (CAS) and United Nations (UN) numbers
- Montreal Protocol Annex and Control measures
- Ozone depleting potential (ODP)
- Global warming potential (GWP) - *actual and Kigali values*
- Blend/mixture components
- Toxicity and flammability class
- Main uses
- *and much more...*

Updates to the **WhatGas?** Application

WhatGas? has been improved and updated to provide:

- ✓ An updated more user-friendly interface
- ✓ Multilingual interface: English, French and Spanish
- ✓ HFCs and HFC containing mixtures
- ✓ Latest updated ozone depleting potential and global warming potential values from the recent reports from the Montreal Protocol technology and scientific expert panels as well as the Intergovernmental Panel on Climate Change; as well as the standard ODP and GWP values as specified in the text of the Montreal Protocol
- ✓ References to sources of all values used
- ✓ New refrigerant mixtures (with ASHRAE approved refrigerant designations)
- ✓ Values for 'actual GWP' and 'Kigali Amendment context' GWP for pure substances and mixtures (i.e. only including GWP values/components assigned to controlled hydrofluorocarbons - HFCs).

“The app is searchable via a variety of methods and provides a wealth of useful information”

More Information

The **WhatGas?** app, which is available in English, French and Spanish, provides a wealth of useful information about refrigerants through a variety of search methods. By entering partial information or browsing the database, the application provides quick reference information on many aspects of the chemical in question, including: the chemical name and formula; type of chemical, common trade names; various chemical and commodity identifiers (CAS numbers, ASHRAE designations, HS codes, UN numbers, etc); as well as other useful information such as flammability and other hazards; the ozone depleting and global warming potentials, and if the chemical is controlled under the Montreal Protocol. The app includes both pure substances and the newest refrigerant mixtures (with ASHRAE approved refrigerant designations) and values for 'actual GWP' and 'Kigali Amendment context GWP' for pure substances and mixtures (i.e.

only including GWP values/components assigned to controlled HFCs).

It uses standard ODP values and GWP values as specified in the text of the Montreal Protocol; other values from the recent reports from the Montreal Protocol technology and scientific expert panels as well as the Intergovernmental Panel on Climate Change are indicated when appropriate, with references to sources of all values used.

The application forms a part of UNEP OzonAction's portfolio of activities and tools to assist developing countries. OzonAction provides assistance to various stakeholders in developing countries, including customs officers and technicians, to achieve and maintain compliance with the Montreal Protocol on Substances that Deplete the Ozone Layer.

Using the App

Smartphone Application

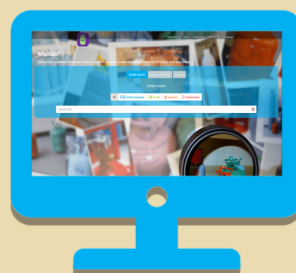


Just search for "WhatGas?" or UNEP in the Google Play store or use the QR code above – free to download!

Desktop Application

WhatGas? is also available online on the OzonAction [website](#) at:

www.unenvironment.org/ozonaction/resources/whatgas/whatgas



Video Guide

Watch the new short introductory tutorial [video](#) on WhatGas? - available now on YouTube:

<https://youtu.be/zM3tOeBtovs>

UN
environment
programme



WhatGas? Smartphone Application
A Brief Introduction



New