



For Immediate Release

Koura Launches Klea® 473A

Boston, MA, USA February 2, 2021 – Koura, a global leader in the development, manufacture and supply of fluoroproducts, has today launched the first of its next generation low GWP refrigerants, Klea® 473A, following proposed classification as an A1 refrigerant by the ASHRAE SSPC34 committee.

Koura Klea® 473A is designed to achieve high performance with a significantly lower global warming potential (GWP) than existing refrigerants in ultra-low temperature cooling applications such as high-value cold chains, vaccine storage, climate test chambers, transportation and other medical uses.

Today, manufacturers and users of ultra-low temperature refrigeration systems are forced to choose between acceptable cooling performance and environmental impact. Existing nonflammable refrigerants used in ultra-low temperature systems typically have a high Global Warming Potential (GWP). Koura Klea® 473A breaks the trade off with capacity and energy efficiency better than R23 and a GWP of 1,830, which lends an 85% reduction compared to either R23 (GWP 14,800) or R-508 (13,396 GWP).

Koura Klea® 473A is a game-changing solution to the ever-increasing demand for ultra-low temperature refrigerants across industries. Koura is currently in discussions with relevant stakeholders regarding Klea® 473A's potential applications in deep sea shipping and biomedical storage, including potential usage in COVID-19 vaccine storage.

Koura is investing in significant innovations in its Klea® portfolio of refrigerant products. The launch of Klea® 473A is the start of commercializing a range of sustainable, energy-efficient and low GWP solutions, with more products to come.

Dave Smith, Downstream Business Director at Koura, said, "The launch of Klea® 473A is an exciting milestone in our next-generation refrigerant program, which aims to develop a new portfolio of sustainable, energy-efficient, low GWP refrigerant solutions for a variety of heating, cooling and refrigeration applications."

As part of the Orbia community of companies working together to tackle some of the world's most complex challenges, Koura is a leading provider of essential products and solutions with applications across industries including petrochemicals, construction, automotive and pharmaceuticals. Koura's Klea® refrigerant gases are trusted by some of the

world's biggest organizations in the commercial refrigeration, automotive and stationary air conditioning verticals.

For more information on Koura, please visit: www.kouraglobal.com

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Notes for editors:

Koura Klea® 473A key attributes

- Low GWP of 1,830 – 85% reduction compared to R23 (R23 GWP: 14,800, R508 GWP: 13,396)
- Exceeds F-Gas regulations
- Non-flammable
- Effective to at least -75°C
- Improved cooling capacity and energy efficiency compared to R23

Applications:

- High value cold chain
- Medical
- Pharmaceutical
- Test chambers

Koura formerly known as Mexichem Fluor

Koura is a global leader in the development, manufacture and supply of fluoroproducts that play a fundamental role in enhancing everyday lives. Part of the Orbia community of companies, working together to tackle some of the world's most complex challenges, Koura is a leading provider of innovative products and solutions across multiple sectors including petrochemical, construction, transportation and telecom. Koura's products are used in a vast range of applications including the construction of towns and cities, keeping homes cool, food fresh and even in the treatment of respiratory conditions, providing the medical propellant used in 75% of the world's Metered Dose Inhalers (MDIs). Headquartered in Boston, Koura has commercial activities across the world, with operations in Runcorn, UK, Mexico, St Gabriel, USA, Toronto, Mumbai, Mihara & Tokyo, Japan.

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