

# Eco-Valve: a breath of fresh air

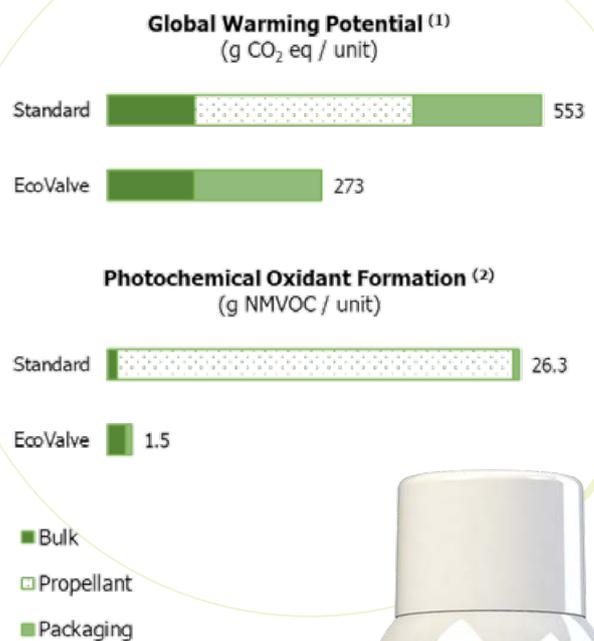
As part of Colep's Love Tomorrow Sustainability Strategy, we aim to bring sustainable innovations to our customers with the ultimate goal of becoming their **preferred sustainability partner**.

Eco-Valve is a valve system that we are developing in partnership with Salvalco, the University of Salford's Spray Research Group. It is designed to enable aerosols to be propelled by Nitrogen, Carbon Dioxide or Compressed Air, while having the same performance as an LPG propelled aerosol.

- A new valve technology for compressed air
- Fine sprays achieved
- Constant spray rate
- Reduced flammability
- A range of product possibilities

The removal of highly volatile and flammable propellants would have a dramatic and positive impact across the supply chain, as well as benefiting the environment and improving air quality through a reduction in certain VOCs.

Considering the production of raw-materials and release of the content into the atmosphere, the environmental impacts of a body spray with Eco-Valve are significantly lower than those of a typical body spray with LPG (source: screening LCA study):



This solution offers a variety of benefits:

- Comparable performance to traditional LPG valves;
- Reduction in the use and emission of Volatile Organic Compounds (VOCs) and in the environmental impacts linked to these;
- Reduction of risk associated to the use of flammable propellants;
- Reduction in the costs of storage, transportation and insurance;
- Can be categorised as a non-hazardous.

(1) A measure of the gases emitted that contribute to global warming.

(2) A measure of the gases emitted that contribute to the formation of photochemical oxidants (which in turn may cause adverse health effects and affect vegetation).

For further information about Sustainability at Colep, please contact:

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Colep aims to be the **preferred sustainability partner** for its customers.