THRILL®

The THRILL® Healthy Cycle of Food Grade CO_2

Why is the CO_2 used by THRILL®
eco-friendly?

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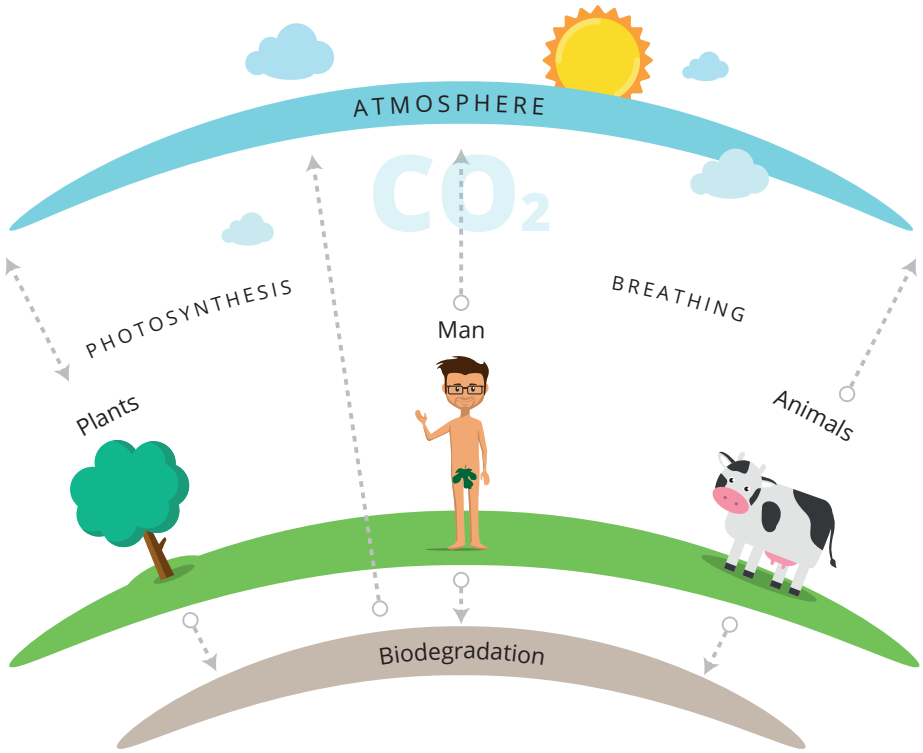
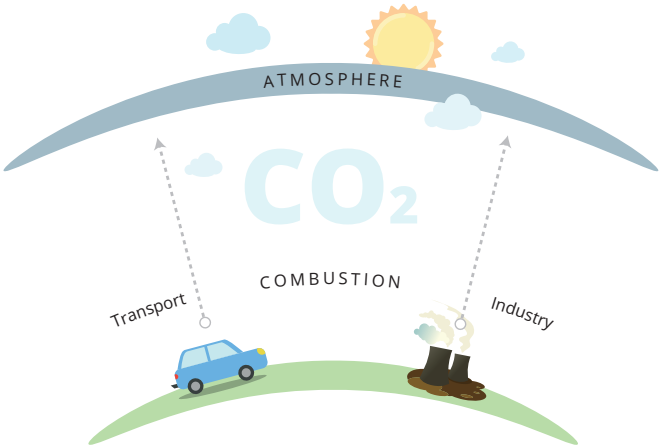


The carbon dioxide is a colorless and odorless gas essential for life on earth. It is used by plants, lichens and other organisms which require a carbon source. In the process of photosynthesis, they break down the carbon dioxide, using it for the production of polysaccharides and in return release oxygen into the atmosphere.

The carbon dioxide has an important effect on the atmosphere since it entraps the infrared radiation reflected by the Earth's surface maintaining a higher the temperature. Without carbon dioxide, the earth would be completely coated in ice and likely unable to support life as we know it.

Carbon dioxide has many uses. It is used in the preservation of food and drinks by creating acidic environment preventing the development of most of the pathogenic bacteria.

In recent centuries, however, the massive use of fossil fuels has altered the normal concentration of carbon dioxide in the atmosphere referred to as the greenhouse effect which is responsible for global warming present in the air at a concentration of 0.04% which has led to the global ecological need to manage the control and production of the "new" CO_2 hydrocarbons.



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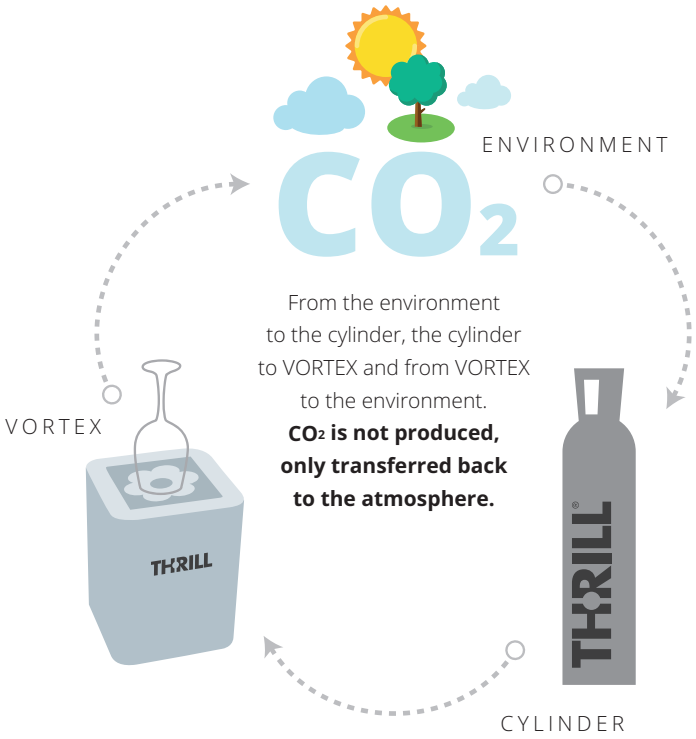

The THRILL, chain of CO_2, does not contribute to the production of "new" carbon dioxide. The CO_2 used by Thrill is not produced, but only "contained" and transported and therefore does not contribute to the greenhouse effect.

One cylinder containing 20lbs of CO_2 lasts for approximately 5 hours of continuous use, releasing into the air a total 5100 liters of CO_2 at a rate of about 1000 liters / hour. An adult emits 0.35 liters of CO_2 per minute while breathing, or 21 liters / hour. 1 Cylinder equals 45 people

Even in small and crowded environments with a high volume of Thrill usage does not involve any risk.

Restaurants and bars are equipped with recirculation systems that do not allow the concentration of hazard levels set by OSHA (0.5% with peaks at 3% max). Under normal working conditions, Thrill can be used to sanitize and cool about 25 glasses of various sizes with a consumption of 0.5 kg equal to the breath of 12 people. (So on average 1 glass utlitzes the same amount of $C0_2$ which 2 adults produce breathing for an hour).

Thrill CO_2 Consumption Table

SIZE		SANITATION & COOLING	SANITATION & FREEZING
SMALL		2 sec. / 1 shot 10 gr	4 sec. / 2 shot 20 gr
MEDIUM		3 sec. / 1 shot 15 gr	6 sec. / 2 shot 30 gr
LARGE		3 sec. / 1 shot 15 gr	9 sec. / 3 shot 45 gr
EXTRA LARGE		5 sec. / 1 shot 25 gr	15 sec. / 3 shot 75 gr

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