



SUPAGAS

YES WE CAN!

WHAT IS LIQUID HELIUM? AND WHAT IS IT USED FOR?

Liquid Helium is a chemical element of Helium that exists in a liquid form only at the extremely low temperature of -269°C .

Because Liquid Helium stores at -269°C , it is commonly used in the medical sector as a method to cool down magnets and other high tech machinery such as MRI's & NMR's.

DID YOU KNOW?

Helium is a non-flammable gas. The gas is inert (doesn't react to anything), it's non-toxic, colourless, odourless and tasteless.



EXPLAINING THE HELIUM RECYCLE PROCESS

The transportation of Liquid Helium from an ISO into a Supagas Dewar is a very meticulous process. Due to Liquid Helium's sensitivity to warmer temperatures, the majority of the Liquid Helium boils off in the transfer process. Instead of losing this Helium, Supagas captures this boil-off in a large balloon. This lower grade Helium is then recycled and compressed into smaller storage cylinders and becomes a part of our balloon gas supply. If this boil-off were not captured and recycled, a huge amount of Helium would be lost or wasted in the process. Some of the uses for balloon gas include; Helium balloons, weather balloons and more.

Supagas discourage the intentional release of all helium balloons. When using helium balloons please ensure they are tightly secured to a weight, popped and disposed of properly.



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