



LPG IG-541 **A Greener, Safer Fire Suppression System**

IG-541 STEPS UP TO THE GREEN CHALLENGE

With the increasing global pressure to reduce greenhouse gases, in particular the 1993 ban on production of Halon 1301 because of its ozone-depleting effect, it has generated an intense search for greener fire protection technology.

In fire protection, a sustainable technology is one that extinguishes fires effectively, is economical to install and maintain and that offers a favorable environmental, health and safety profile. IG-541 meets all these criteria in full.

IG-541 – A SAFE AND SUSTAINABLE TECHNOLOGY FOR THE ENVIRONMENT

IG-541 is a clean agent that does not contain halocarbons. Since it made up of natural components that exist in the air, these components simply become part of the earth's life cycle following a discharge. This makes IG-541 100% earth-friendly.

A totally natural fire extinguishant made up of nitrogen, argon and carbon dioxide, it extinguishes fires by reducing oxygen concentration in the hazard area, leaves no trace and has no harmful impact because it is made up of gases that we already breathe in.

By definition, sustainable technology also offers more years of service and lower cost-in-use. Going green with IG-541 is the smart move for businesses, consultants and building Owners – helping companies to save costs with no environmental risks to the environment as this green investment is built to last for years.

IG-541 – A SAFE AGENT FOR THE PEOPLE

IG-541 is a people-safe agent that boasts zero ozone depletion and global warming potential, and has zero atmospheric lifetime. This makes an ideal solution for enclosed areas where people may be present and where damage from conventional agents cannot be tolerated.



An innovative, sustainable product, LPG IG-541 will not only safeguard your business and help you protect lives and property, it will, in the long run, enable you to reduce business costs.

IG-541, being a natural blend of gases that we already breathe in, does not threaten human health compared to halon-based or halocarbon agents. While it does lower the oxygen level in a room, humans continue to receive the same amount of oxygen to their brain upon its discharge – vital for quick-thinking action during a fire.

In addition, IG-541 does not cause fogging and so will not affect vision when discharged. This makes for safer evacuation during a fire.

IG-541 – A NON-DAMAGING FIRE AGENT FOR PROPERTY

Most fire-fighting agents break down in a fire to form byproducts that are corrosive to electronic components. IG-541 does not do this. It is also totally free of residue. This ensures that no property damage will result from its discharge.

Facilities like data centres, power generation facilities, telecommunication systems and tape storage facilities are engines that drive the business. There is a need to protect essential electrical equipment from damage by fire.

As a business, your first step towards protecting your mission-critical assets should be to prepare for the worst. IG-541, an inert gas that is odourless, non-corrosive, electrically non-conductive and leaves no residue to clean up after discharge, makes it perfect for the protection of all electric and electronic materials and suitable for the protection of computer rooms, telephone exchange equipment and any other electrical installation that may present a fire hazard.

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