

To help our customers meet the demands of this progressive industry, Harp International Limited offer a “basket” of propellants which can be supplied in cylinders, drums or bulk. Where a propellant blend is required, we are able to work with customers to help develop a product to satisfy a specific application.





















- Ⓛ Harp® propane/butane (AP) blends: flammable, extremely low global warming potential (GWP) hydrocarbon products. High chemical stability and purity. Blends available in several vapour pressure grades to satisfy specific applications.
- Ⓛ Harp® DME (dimethyl ether): flammable, extremely low global warming potential (GWP) medium-high pressure propellant. DME application technology is based on its compatibility with alcohols and water.
- Ⓛ Harp® 134a & Harp® 152a: medium-high pressure hydrofluorocarbon propellants. 134a is non-flammable under all conditions. Both propellants are stable when used alone or with conventional aerosol solvents.
- Ⓛ Harp® pentanes – volatile hydrocarbon liquids and vapour pressure modifiers.
- Ⓛ Carbon dioxide and Nitrogen gaseous propellants.
- Ⓛ Solstice™ 1234ze: extremely low global warming potential (GWP), medium pressure, 4th generation hydrofluoro olefin (HFO) propellant. Solstice™ 1234ze is non-flammable by EU A11 and US DOT standards. It is stable when used alone or with conventional aerosol solvents.



# HARP

# INTERNATIONAL

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	Harp® Propane/ butane blends*	Harp® 134a	Harp® 152a	Solstice™ 1234ze	Harp® DME	Harp® Isopentane	Harp® n-Pentane	Harp® Cyclopentane
46 kg cylinder								
48 kg cylinder								
62 kg cylinder								
63.5kg cylinder								
125 kg drum								
150 kg drum								
400 kg drum								
515 kg drum								
719 kg drum								
929 kg drum								
947 kg drum								
Bulk								

\*Manufactured by Avanti Gas and currently available at pressures of 22, 30, 40, 46, 48, 70 and 105 psig. Intermediate pressures available on request.

Carbon dioxide and nitrogen propellants - industrial and food grade specifications - are available in a variety of individual cylinder and cylinder pack sizes. Details available on request.