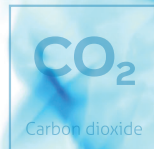
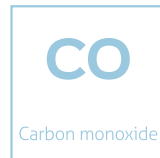
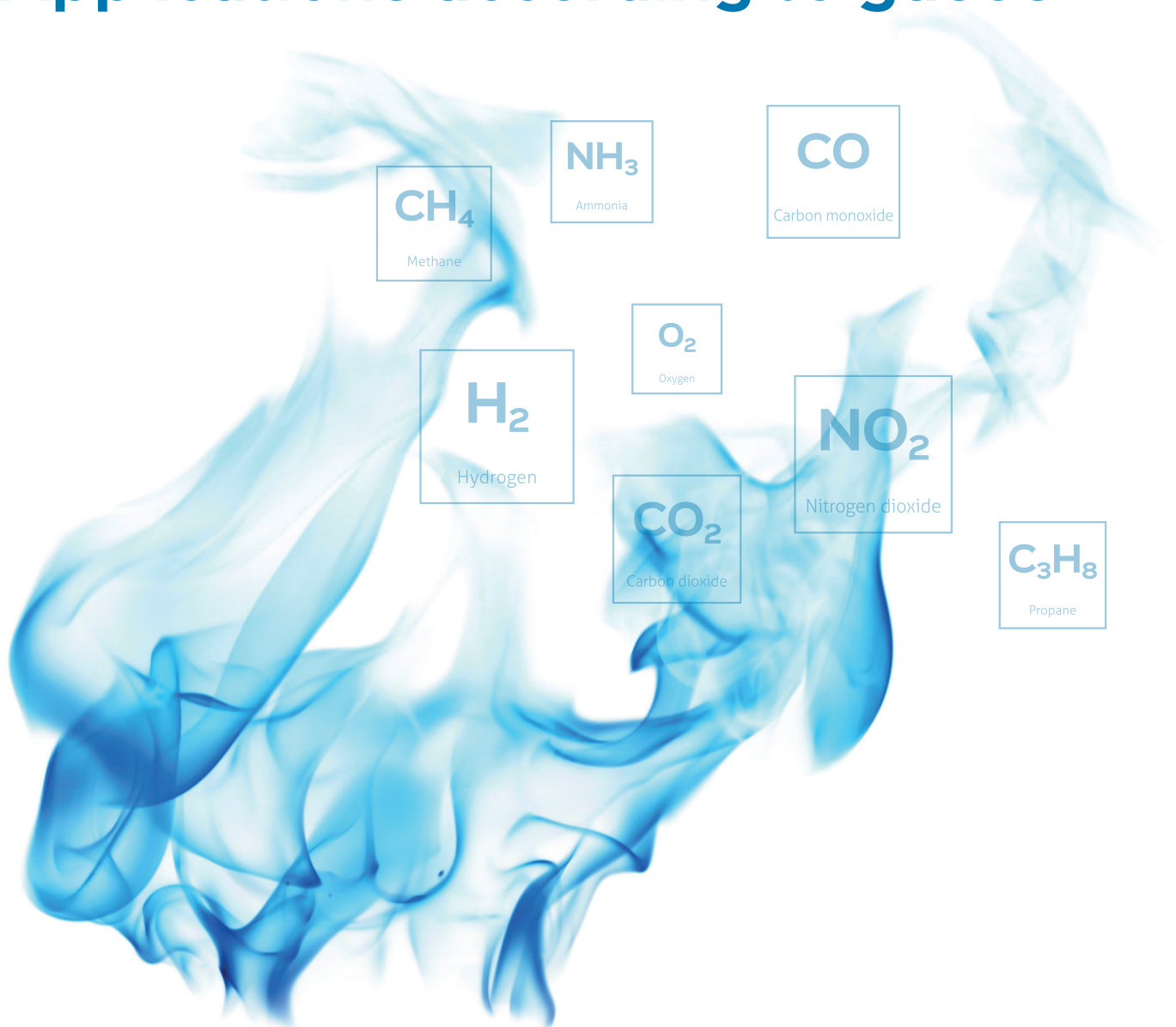


Gas Detection.



# Portfolio

## Applications according to gases

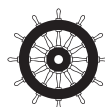


# Applications according to gases

Gas		Applications
Acetone	$C_3H_6O$	Chemical industry: paint removers, degreasers
Ammonia	$NH_3$	Fertilizer production, agriculture, alternative fuel
Benzene	$C_6H_6$	Synthesis of many compounds
Butadiene	$C_4H_6$	Space industry, fuel in hybrid rockets, chemical industry: synthetic rubber
Butyl acetate	$C_6H_{12}O_2$	Paint industry: paint solvents, cosmetics industry
Carbon dioxide	$CO_2$	Refrigeration plants, food industry
Carbon monoxide	$CO$	Garages, buildings
Chlorine	$Cl_2$	Food industry, water treatment: swimming pools, bleaching agents
Chlorine dioxide	$ClO_2$	Paper industry, disinfection, water treatment
Cyclohexane	$C_6H_{12}$	Chemical industry: solvents, production of synthetic fibers such as nylon
Cyclopentane	$C_5H_{10}$	Chemical industry: foaming of refrigerators, blowing agent
Ethane	$C_2H_6$	Refrigerant R170, heating gas
Ethyl acetate	$C_4H_8O_2$	Pharmaceutical industry: pharmaceuticals, extraction agents
Ethyl alcohol	$C_2H_5OH$	Chemical industry, food industry: beverage industry, disinfection
Ethylene	$C_2H_4$	Ripening of fruits, production of plastics
Ethylene oxide	$C_2H_4O$	Medicine: production of plastics, disinfection, sterilization
Fluorine	$F_2$	Laser technology, production of semiconductor
Formaldehyde	$CH_2O$	Medicine, disinfection
Hydrogen	$H_2$	Electrical / pharmaceutical industry, ammonia production, steel production
Hydrogen chloride	$HCl$	Production of hydrochloric acid, chlorides, PVC
Hydrogen cyanide	$HCN$	Plastics industry, chemical industry
Hydrogen fluoride	$HF$	Battery recycling, battery charging stations
Hydrogen sulfide	$H_2S$	Industry: used for sulfur extraction from petroleum, main source of sulfuric acid
Iso/n-Butane	$C_4H_{10}$	Basic material for chemical industry
iso/n-Pentane	$C_5H_{12}$	Chemical industry: solvents for greases and oils
Isobutyl alcohol	$C_4H_{10}O$	Solvent for paints, beverage industry, cosmetics industry
Isopropyl alcohol	$C_3H_8O$	Laboratory, cleaning agents, defoaming agents, thinners
LPG		Lighter gas, heating gas
Methane	$CH_4$	Biogas: heating gas, cattle breeding, waste disposal site
Methanol	$CH_3OH$	Chemical industry, extraction agent in petroleum industry, alternative fuel
Methyl acetate	$C_3H_6O_2$	Laboratory, pharmaceutical industry, food industry: hard/brittle acrylic paints, solvents
Methyl ethylketone	$C_4H_8O$	Artificial flavoring agent, solvent for plastics, resins and paints

Gas		Applications
n-Heptane	$C_7H_{16}$	Basic material for chemical industry
n-Hexane	$C_6H_{14}$	Solvent for paints, beverage industry, cosmetics industry
Nitrogen dioxide	$NO_2$	Chemical industry: cleaning agent, in car and aircraft fuel
Nitrogen monoxide	$NO$	Chemical industry: foaming of refrigerators, blowing agent
Nonane	$C_9H_{20}$	Laboratory, pharmaceutical industry, food industry: hard/brittle acrylic paints, solvents
Octane	$C_8H_{18}$	Chemical industry: solvents for greases and oils
Oxygen	$O_2$	Refrigeration industry, welding equipment, LPG, heat pumps
Ozone	$O_3$	Laboratory, cleaning agents, defoaming agents, thinners
Phosphine	$PH_3$	disinfectants, cleaning agents
Propane	$C_3H_8$	Chemical industry: paint removers, degreasers
Propene	$C_3H_6$	Chemical industry, pharmaceutical Industry
Propyl alcohol	$C_3H_8O$	Pharmaceutical industry (octane determination)
Silane	$SiH_4$	Space industry, fuel in hybrid rockets, chemical industry: synthetic rubber
Sulfur dioxide	$SO_2$	Petrochemical industry
Toluene	$C_7H_8$	Space industry, fuel in hybrid rockets, chemical industry: synthetic rubber

Refrigerant gases	Refrigerating machines / Chillers / Commercial refrigeration /
	Industrial refrigeration / Cold stores / Supermarkets /
	Climatic chambers / Automotive industry / Transport refrigeration /
	Heat pumps / Air conditioning / Air conditioning systems /
	Beverage vending machines / Refrigerated vehicles / Ice makers



Gas Detection.



We are part of the MSR-Group.

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