

REFRIGERANT FLUIDS - REFRIGERATION





R 513A



■ R 450A



R 1234yf



R 1234ze



R 1233zd



■ GWP 1430

■ Safety group A1

■ Applications Domestic Refrigeration Commercial Refrigeration **Industrial Refrigeration Refrigerated Transports**

POE PAG **■ GWP** 631

■ Safety group A1

■ Applications Commercial Refrigeration **Industrial Refrigeration**

■ Safety group A1

■ GWP 605

POE

■ Applications Commercial Refrigeration **Industrial Refrigeration**

■ GWP 4

■ Safety group A2L

■ Applications Commercial Refrigeration **■ GWP** 7

■ Safety group A2L

■ Applications Commercial Refrigeration **Industrial Refrigeration**

■ GWP 4.5

■ Safety group A1

■ Applications Commercial Refrigeration **Industrial Refrigeration**

■ GWP 124

■ Safety group A2

■ Applications Commercial Refrigeration

■ Lubricants

POE PAG

■ Lubricants

■ Lubricants MO

■ Lubricants POE

■ Lubricants POE

■ Lubricants

POE PAG



REFRIGERANT FLUIDS - REFRIGERATION

R 448A



■ R 449A



■ R 452A



R 454C



R 455A



R 600a



■ GWP 1387

■ Safety group A1

■ Applications Commercial Refrigeration **Industrial Refrigeration Refrigerated Transports**

■ Lubricants POE

■ GWP 1397

■ Safety group A1

■ Applications Commercial Refrigeration **Industrial Refrigeration** Refrigerated Transports

■ Lubricants POE

■ **GWP** 2141

■ Safety group A1

■ Applications Commercial Refrigeration **Industrial Refrigeration** Refrigerated Transports

■ Lubricants POE

■ GWP 148

■ Safety group A2L

■ Applications Commercial Refrigeration **Industrial Refrigeration**

■ Lubricants POE

■ GWP 145

■ Lubricants

POE

■ Safety group A2L

■ Applications Commercial Refrigeration **■ GWP** 3

■ Safety group A3

■ Applications Domestic Refrigeration Commercial Refrigeration R 290



■ GWP 3

■ Safety group A3

■ Applications

Commercial Refrigeration **Industrial Refrigeration**

■ Lubricants

MO AB POE **■** Lubricants MO

AB POE



REFRIGERANT FLUIDS - AIR CONDITIONING

R 134a



- **GWP** 1430
- Safety group A1
- Applications Automotive Air Conditioning Commercial Air Conditioning Heat Pumps
- **■** Lubricants POE

PAG

R 450A



- **GWP** 605
- Safety group A1
- Applications Commercial Air Conditioning
- **■** Lubricants POE

■ R 1234yf



- **GWP** 4
- Safety group A2L
- Applications Automotive Air Conditioning Commercial Air Conditioning
- **■** Lubricants POE

PAG

R 1234ze



- **GWP** 7
- Safety group A2L
- Applications Commercial Air Conditioning **Heat Pumps**
- **■** Lubricants POE PAG

R 1233zd



- **GWP** 4.5
- Safety group A1
- Applications Commercial Air Conditioning **Heat Pumps**
- **■** Lubricants MO

R 407C



- **GWP** 1774
- Safety group A1
- Applications **Domestic Air Conditioning** Commercial Air Conditioning **Heat Pumps**
- **■** Lubricants POE



REFRIGERANT FLUIDS - AIR CONDITIONING

R 410A



- **GWP** 2088
- Safety group A1
- Applications **Domestic Air Conditioning** Commercial Air Conditioning **Industrial Air Conditioning Heat Pumps**
- **■** Lubricants POE

R 32



- **GWP** 675
- Safety group A2L
- Applications Domestic Air Conditioning Commercial Air Conditioning Heat Pumps
- **Lubricants** POE

R 452B



- **GWP** 698
- Safety group A2L
- Applications Commercial Air Conditioning
- **Lubricants** POE

R 454B



- **GWP** 466
- Safety group A2L
- **■** Applications Commercial Air Conditioning
- **Lubricants** POE

R 454C



- **GWP** 148
- Safety group A2L
- **■** Applications **Heat Pumps**
- **■** Lubricants POE

R 290



- **GWP** 3
- Safety group A3
- Applications Commercial Air Conditioning **Heat Pumps**
- **Lubricants**

MO AB

POE