Luxus LPG SIA

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SIMPLIFIED SAFETY DATA SHEET

REFRIGERANT R-410A

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Trade name: Refrigerant R-410A

Chemical name / Structure: HFC blend (Difluoromethane / Pentafluoroethane)

CAS number: Blend

Use: Heat transfer fluid for refrigeration and air conditioning systems.

SECTION 2: HAZARDS IDENTIFICATION

Classification (CLP Regulation): Gases under pressure — Liquefied gas

WARNING

Hazard statements:
H280: Contains gas under pressure; may explode if heated.

Precautionary statements:
P410+P403: Protect from sunlight. Store in a well-ventilated place.

Emergency overview: Colorless liquefied gas with a faint ethereal odor. Low acute toxicity, but high risk of asphyxiation from oxygen displacement in confined spaces. Cardiac sensitization possible at very high doses.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Difluoromethane (R-32): 50%

Pentafluoroethane (R-125): 50%

SECTION 4: FIRST AID MEASURES

Inhalation: Move urgently to fresh air. If breathing stops, perform CPR immediately.

Contact: Rinse thoroughly with lukewarm water to relieve the freezing effect. Do not apply direct heat.

SECTION 5: FIRE-FIGHTING MEASURES

Non-flammable under normal conditions. Risk of internal overpressure at high temperature. Use extinguishing agents suitable for the surrounding fire.

SECTIONS 6 & 7: HANDLING & STORAGE

Dispersion / accidental release: Isolate the area. Provide mechanical ventilation if necessary. Vapors concentrate at ground level.

Storage: Keep away from any intense heat source, in a well-ventilated room.

SECTION 8: EXPOSURE CONTROLS

Wear side-shielded safety goggles and thermal protective gloves to avoid any direct skin contact.

SECTION 14: TRANSPORT INFORMATION

UN number: UN 3163

Official name: LIQUEFIED GAS, N.O.S. (Pentafluoroethane, Difluoromethane)

Hazard class: Class 2.2

Simplified sheet in accordance with regulatory MSDS data - Luxus LPG SIA © 2026