Luxus LPG SIA

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SIMPLIFIED SAFETY DATA SHEET

REFRIGERANT R-407C

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

Trade name: Refrigerant R-407C

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

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 volatile liquid under pressure. Non-flammable in open air. May displace breathable air. Skin contact with the evaporating liquid causes immediate cryogenic burns.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

1,1,1,2-Tetrafluoroethane (R-134a): 52%

Pentafluoroethane (R-125): 25%

Difluoromethane (R-32): 23%

SECTION 4: FIRST AID MEASURES

Inhalation: Move immediately to fresh air. Call emergency services if drowsiness or breathing difficulties occur.

Contact: In case of frostbite, warm the affected area with lukewarm water. Do not massage or rub.

SECTION 5: FIRE-FIGHTING MEASURES

Non-flammable. In case of prolonged fire exposure, risk of container explosion. Actively cool with water. Wear self-contained breathing apparatus.

SECTIONS 6 & 7: HANDLING & STORAGE

Dispersion / accidental release: Evacuate personnel. Prevent entry into sewers and work pits.

Storage: Keep in a dry, ventilated place at temperatures not exceeding 50°C. Do not mix with compressed air.

SECTION 8: EXPOSURE CONTROLS

Eye protection against liquid splashes. Waterproof protective clothing and gloves suited to low temperatures.

SECTION 14: TRANSPORT INFORMATION

UN number: UN 3340

Official name: REFRIGERANT GAS R 407C

Hazard class: Class 2.2

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