Luxus LPG SIA

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SIMPLIFIED SAFETY DATA SHEET

REFRIGERANT R-32

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

Trade name: Refrigerant R-32

Chemical name / Structure: Difluoromethane (CH_2F_2)

CAS number: 75-10-5 / **EINECS:** 200-839-4

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

SECTION 2: HAZARDS IDENTIFICATION

DANGER

H220: Extremely flammable gas.

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

Precautionary statements:
P210: Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P377: Ignited gas leak: do not extinguish unless the leak can be stopped safely.

Emergency overview: Colorless, highly flammable gas under pressure. Major fire and explosion risk in case of a confined leak. Flammability limits in air: 14% (LEL) to 31% (UEL).

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Difluoromethane (R-32): 100%

SECTION 4: FIRST AID MEASURES

Inhalation: Move immediately to fresh air. Keep warm and at rest. If breathing stops, perform CPR.

Contact: Rinse with lukewarm water. Caution: clothing may stick to skin.

SECTION 5: FIRE-FIGHTING MEASURES

Dry powder or CO2. Allow the gas to burn in a controlled manner if the leak cannot be stopped. Intensively cool adjacent containers with water spray.

SECTIONS 6 & 7: HANDLING & STORAGE

Dispersion: Evacuate the area. Cut off power and eliminate ignition sources. Ensure adequate grounding during transfer.

Storage: Keep at temperatures below 52°C, away from sunlight and combustible materials.

SECTION 8: EXPOSURE CONTROLS

Antistatic and fire-resistant protective gloves and clothing. Self-contained breathing apparatus required at high concentrations.

SECTION 14: TRANSPORT INFORMATION

UN number: UN 3252

Official name: DIFLUOROMETHANE (REFRIGERANT GAS R-32)

Hazard class: Class 2.1

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