

ABSTRACT

A refrigerant pack includes a refrigerant composition containing water, inorganic salts, a thickener, and a pH indicator, in which the refrigerant composition contains, as

5 the inorganic salts, acidic inorganic salts, which exhibit acidic properties in an aqueous solution of the acidic inorganic salts, and a phosphate; in the refrigerant composition, a ratio of a total content of the acidic inorganic salts and the phosphate to a total content of the inorganic salts is 5% to 100% by mass; the refrigerant composition contains, as the acidic inorganic salts, dihydrogen phosphate and an inorganic salt other than the

10 dihydrogen phosphate; a pKa of the pH indicator is 4.9 to 8.0; and a pH ($\alpha 1$) of the refrigerant composition obtained in a case where all the components contained in the composition other than the phosphate, the dihydrogen phosphate, and water are removed and the pKa satisfy a relationship represented by Expression (i).

$$\text{pKa of pH indicator} \leq \text{pH} (\alpha 1) \leq \text{pKa of pH indicator} + 1.8 \quad \cdots \quad (i)$$