



Technical Datasheet

POTASSIUM CHLORIDE

Description

Potassium Chloride with chemical formula of KCl, is a pure grade of potassium chloride salt. It is usually known as muriate of potash or potash. The purity is often expressed with K_2O (%). The K_2O percentage of Potassium Chloride is minimum 60%, and purity is more than 95%.

Application

Potassium Chloride is used for amalgam and membrane process. It is also is used as a conducting salt in weaker acidic solutions for electro-galvanizing.

Potassium Chloride is also used in metallurgic processes or adjusting pore size in the synthetic production of zeolites. The other applications of Potassium Chloride are in fertilizer industry and drilling fluid industry.

Advantages

- High purity
- Very common Product
- Various applications in different industry

Limitations

- The use of Potassium chloride may be restricted due to environmental regulations
- May cause precipitation if blended with divalent salts.

Typical Properties

Appearance	Pink to white powder
Specific Gravity	1.98
Purity	>95%
K_2O %	>60%
Solubility	Soluble in hot and cold water

Packaging

Potassium Chloride is available in 1 MT Big bags.