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Potassium Fluosilicate

Formula: K_2SiF_6

CAS No: 16871-90-2

M.W: 220.25

Properties: White odorless crystals or powder; weak acidity; insoluble in water, aqueous ammonia and ethanol; soluble in hydrochloric acid; decompose by heat to form potassium fluoride(KF) and silicon tetrafluoride(SiF_4); hydrolyze in hot water to form hydrogen fluoride(HF) and silicate acid(H_2SiO_3); have toxic.

Specification :(%)

Assay(K_2SiF_6)	98 min
$MgSO_4$	0.5 max
H_2SiF_6	0.2 max
MgF_2	0.15 max
H_2O	0.6 max
Water-insoluble matter	0.5 max.
Heavy metal (Pb)	0.1 max.
Mesh size	
-60 mesh	98min

Application: Wood preservation; ceramics made; metallurgy of aluminium and magnesium; optical glass; synthetic mica and antiseptis

Storage: Store at a ventilating, and dry place, keep away from food.

Packing: 25 Kg net, double plastic bags lined plastic woven bag.

Hazardous details:

UN No. : 2655

Class : 6.1