

The invention relates to chemical industry, particularly to the preparation of dehydrate dichlorodihydroxodiguanyltioureatrizinc of general formula $[Zn_3L_2(OH)_2Cl_2] \cdot 2H_2O$, where **L** - anion of guanyltiourea, which can be used in agriculture for suppression of nitrification of ammonia nitrogen in soil.