

A storage-stable high-strength aqueous glyphosate concentrate, preferably containing greater than 400 g/l glyphosate expressed as acid, comprises the potassium salt of glyphosate, an alkylglycoside surfactant and an alkoxyated alkylamine surfactant at a preferred total concentration of alkylglycoside and alkoxyated alkylamine from about 160 to 300 g/l and at a preferred ratio of alkylglycoside to alkoxyated alkylamine of from about 1 part by weight of alkylglycoside per 1 part by weight of alkoxyated alkylamine to about 5 parts by weight of alkylglycoside per 1 part by weight of alkoxyated alkylamine.