

Title (en)

AQUEOUS CONCENTRATE PESTICIDAL COMPOSITIONS HAVING IMPROVED DERMAL AND OCULAR SAFETY

Title (de)

WÄSSRIGE PESTIZIDE KONZENTRATZUSAMMENSETZUNGEN, DIE EINE ERHÖHTE HAUT- UND AUGENVERTRÄGLICHKEIT AUFWEISEN

Title (fr)

COMPOSITIONS AQUEUSES CONCENTREES DE PESTICIDE MOINS NOCIVES POUR LES YEUX ET LA PEAU

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Application

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Abstract (en)

[origin: WO0105225A1] An aqueous concentrate pesticidal composition is provided, comprising (a) a water-soluble pesticide in an amount of about 50 to about 500 g/l; (b) an etheramine surfactant; and (c) an anionic surfactant having the chemical formula (III) $R_{<7>}-(O-R_{<8>})_n-O-X$ where $R_{<7>}$ is a C4-22 linear or branched, saturated or unsaturated, aliphatic hydrocarbyl or a (C8-12 alkyl)phenyl group, $R_{<8>}$ groups are independently C2-4 alkylidene groups, n is 0 to about 60 and X is an anionic radical selected from carboxylate, ether carboxylate, sulfate and phosphate; the weight ratio of the anionic surfactant to the etheramine surfactant being about 1:10 to about 1:1. Compositions of the invention have reduced injuriousness to skin and/or eyes than otherwise similar compositions lacking only the anionic surfactant.

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