

Title (en)

HERBICIDAL COMPOSITION, A METHOD FOR ITS PREPARATION AND THE USE THEREOF

Title (de)

HERBIZIDE ZUSAMMENSETZUNG, VERFAHREN ZU DEREN HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)

COMPOSITION HERBICIDE, PROCÉDÉ POUR SA PRÉPARATION ET SON UTILISATION

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Application

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Abstract (en)

[origin: GB2509427A] A herbicidal composition comprises microcapsules, the microcapsules having a capsule wall of a porous condensate polymer, wherein the microcapsules contain clomazone and a solvent comprises rosin and/or a rosin derivative. In one embodiment the microcapsules are in an aqueous suspension. Also claimed is a method of preparing a herbicidal composition, the method comprises the steps of: providing a water immiscible phase comprising clomazone, an isocyanate and optionally an acetylene carbamide derivative (ACD) cross-linker, dissolved in a rosin solvent system comprising rosin and/or a rosin derivative; providing an aqueous phase comprising one or more surfactants; combining the water immiscible phase and the aqueous phase to form a dispersion of the two phases; thereby forming microcapsules of polyurea containing droplets of the water immiscible phase; and curing the microcapsules.

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