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(21) International Application Number: PCT/US99/21984 (22) International Filing Date: 22 September 1999 (22.09.99) (30) Priority Data: 60/101,545 23 September 1998 (23.09.98) US (71) Applicant (for all designated States except US): HAMPSHIRE CHEMICAL CORP. [US/US]; Suite 2500, 45 Hayden Avenue, Lexington, MA 02421 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): CRUDDEN, Joseph, J. [US/US]; 130 Robinson Road, Hudson, NH 03051 (US). STEFFEL, James, E. [US/US]; 305 Chestnut Street, Ham- burg, PA 19526 (US). (74) Agents: LEMACK, Kevin, S. et al.; Nields, Lemack & Dingman, Suite 8, 176 E. Main Street, Westboro, MA 01581 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: SARCOsinATES AS GLUFOSINATE ADJUVANTS (57) Abstract An adjuvant for glufosinate having increased activity, lower irritancy and lower toxicity than conventional adjuvants. The adjuvant is C8 to C22 sarcosinate or sarcosinate salt, such as sodium cocoyl sarcosinate, sodium lauroyl sarcosinate, or combinations thereof, which is combined with glufosinate in low concentrations to provide herbicide formulations that provide effective activity.		