Researchers warn about bacteria alterations in agricultural soils due to a chemical compound present i...

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Architektur Bauwesen	Posoprehore warp about bacteria alterations in	Der Auf-
Automotive	Researchers warn about bacteria alterations in	schwung
Biowissenschaften Chemie	determents	muss
Energie und Elektrotechnik	08.11.2007	beweat
Geowissenschaften	Detergents are a pollutant agent which can be found frequently in	wordon
Gesellschaftswissenschaften	agricultural soils. There are numerous channels for the passing of	
Informationstechnologie	chemical components to the soils.	
Interdisziplinäre Forschung		Fur alle, die
Kommunikation Medien	Anzeige	die deutsche
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	the human natural CISCO	
Veitere Förderer		
Koland Berger Strategy Consultants	Two primary ways are the use of distilled water (both of domestic and industrial	
COD SCHOTT	origin), and of fertilizers based out of biological mixtures. A study done by the	
Audi glass made of ideas	directed by Dr. Maria del Mar Sánchez Peinado, stress the importance of controlling	and the second se
DAIMLER Heraeus	the contamination of our farm grounds. This is due to the increasing presence of	
	linear alkyl benzene sulphonate, a chemical component whose active ingredient can	The second second second
	be found in most detergents.	Aktuell
KEN M	The research project, carried out by three professors,	🗟 Sekundenbruchteile nach dem
MITTELSTAMESBANK	Microbiology Testing Clementina Pozo Llorente, Maria Belén Rodelas González,	Urknall
DEUTSCHE BÖRSE GROUP	Lab And Mana victoria Martinez Toledo, was infanced by the Fungi, Bacteria, Ministry of Education. This study has proven to be an	
	BioBurden, USP important advancement towards further understanding of	Scrabble einmal ganz anders
Dräger medical	ASTM, Sterility, Validations, PCR agricultural soils as a receptor of these pollutant	Elektrotechnik
A Draper and Secretic Company	www.EMSL.com compounds, as well as the impact of such compounds on	🗟 OHSU research suggests
	Therma Scientific apprication agricultural soils with regards to LAS biodegradation	America may over-vaccinate
	LIMS processes. The field work of this study was conducted in the	08.11.2007 Studien Analysen
WITTENSTEIN RITTAL	Read successful case lowlands of Spain, researching LAS biotransformation	



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studies from industry

The most utilized

At this moment LAS is the most used anionic surfactant in the worldwide detergent market. Its international consumption reaches values of 2,000 kt per year and by the year 2010 it is expected to reach values of up to 3,400 kt per year. However, the UGR scientists believe that its high global production, the need to use it and the toxicity of its initial forms and of some of its waste products "determine the need to control it in different environmental circumstances".

capacity with regards to microbiota as well as its

This research work goes deeply, from chemical, microbiological and molecular techniques, into the impact of LAS in the structure, function and composition of the microbial community in the soil ecosystem. Likewise, the scientists have analyzed the biodegradation capacity of this pollutant in fields with regards to the microbial community combining techniques corresponding to different knowledge areas, such as microbiology, analytical chemistry and microbiology. With regards to agricultural soils, "the use of biological mud as a fertilizer and the great demand for water due to agricultural needs are the main means ways that LAS reaches the fields". A unique ecosystem, where biological interactions and biogeochemical processes, associated to organic material degradation and mineral elements transformation for

CONTRINE Lence ThyssenKrupp VDM Lence ThyssenKrupp States	The scientists of the University of Granada warn about the new "LAS could significantly alter the metabolic activity of soils, the fertility". Antonio Marín Ruiz Quelle: alphagalileo Weitere Informationen: prensa.ugr.es/prensa/research/index.php	egative effects of LAS herefore affecting their > nächste Meldung >
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