

KRÜSS Literature List: BP100, BP2100, BP2

Number	Title	Authors	Journal	Year	Vol./No.	Pages
4237	Synthesis and Characterization of Novel Surfactants Based on 2-Hydroxy-4-(methylthio)butanoic Acid: 2. Non-ionic Surfactants	Guangzhe Yu, Zahra Shahrashoob, Scott Long, Yanjun Liu, Ariklenio Alves da Silva, Brian P. Grady, Jeff Harwell, Graciela Arhancet	Journal of Surfactants and Detergents	2017	20/2	503-519
4239	Adsorption Behavior of Fatty Alcohol Ether Sulfonate at Different Interfaces	Xiaochen Liu, Yongxiang Zhao, Qiuxiao Li, Tiliu Jiao, Jinping Niu	Journal of Surfactants and Detergents	2017	20/2	401-409
4245	Influence of Alkyl Chain Length of Alpha Olefin Sulfonates on Surface and Interfacial Properties	Yong Wang, Xiaochen Liu, Long Bai & Jinping Niu	Journal of Dispersion Science and Technology	2017		
4222	Performance Comparison Between Internal Olefin Sulfonates and Alpha Olefin Sulfonates	Yong Wang, Xiaochen Liu, Tiliu Jiao, Jinping Niu	Journal of Surfactants and Detergents	2017	20/1	183-191
4247	Bubble adhesion onto the hydrophobic surface in solutions of non-ionic surface-active agents	P. Basarová, T. Váchová, G. Moore, G. Nannetti, J. Pislová	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2016	505	64-71
4141	Transition from Micelle to Vesicle of a Novel Sugar-Based Surfactant Containing Trisiloxane	Xiyang Zhou and Dianlong Zhang	Tenside Surfactants Detergents	2016	53/3	273-277
4249	Dynamic Adsorption of Organic Compounds Dissolved in Synthetic Produced Water at Air Bubbles: The Influence of the Ionic Composition of Aqueous Solutions	Mona Eftekhardadkhan and Gisle Øye	Energy & Fuels	2013	27/9	5128-5134
3436	Formation of nanoemulsions in stirred media mills	Jochen Schmidt, Cornelia Damm, Stefan Romeis, Wolfgang Peukert	Chemical Engineering Science	2013	102	300-308
3582	Efficient Control of the Rheological and Surface Properties of Surfactant Solutions Containing C8-C18 Fatty Acids as Cosurfactants	Z. Mitrinova, S. Tcholakova, Z. Popova, N. Denkov, Bivash R. Dasgupta, K. P. Ananthapadmanabhan	Langmuir	2013	29	8255-8265
3619	Synthesis and Characterization of Novel Surfactants 1,2,3-tri(2-oxypropylsulfonate-3-alkylether-propoxy)Propanes	Ming Zhou, Jinzhou Zhao, Xu Wang, Jiaqiang Jing, Lizhi Zhou	J. Surfact. Deterg	2013	16	665-672
3215	Mechanistic Studies of Particulate Soil Detergency: I. Hydrophobic Soil Removal	Sureeporn Rojvoranun, Chairat Chadavipoo, Wikanda Pengjun, Sumaeth Chavadej, John F. Scamehorn, David A. Sabatini	J Surfact Deterg	2012	15	277-289
2624	Dynamics of viscoelastic drops impacting on heated	J.-B. Osio, V. Bertola	ILASS – Europe 2011, 24th European Conference on Liquid	2011		1-10

Number	Title	Authors	Journal	Year	Vol./No.	Pages
	surfaces in the Leidenfrost regime		Atomization and Spray Systems			
2349	Kinetic investigations into the effectiveness of surfactants	C. Bilke-Krause, F. Thomsen	KRÜSS Application / Technical Notes	2011	AN268e	1-6
2654	Surface Rheology of Saponin Adsorption Layers	R. Stanimirova, K. Marinova, S. Tcholakova, N. D. Denkov, S. Stoyanov, E. Pelan	Langmuir	2011	27	12486-12498
3112	The anti-rebound effect of flexible polymers on impacting drops	M. Smith, V. Bertola	ILASS – Europe 2010, 23rd Annual Conference on Liquid Atomization and Spray Systems	2010		8 pages
2690	Impact dynamics of surfactant laden drops: dynamic surface tension effects	Mounir Aytouna, Denis Bartolo, Gerard Wegdam, Daniel Bonn, Salima Rafai	Exp Fluids	2010	48	49-57
4248	Motor oil removal from water by continuous froth flotation using extended surfactant: Effects of air bubble parameters and surfactant concentration	Sunisa Watcharasing, Weerawat Kongkowitz, Sumaeth Chavadej	Separation and Purification Technology	2009	70/2	179-189
1875	Study on the effect of structure of polydimethylsiloxane grafted with polyethyleneoxide on surface activities	Dae-won Chung, Jong Choo Lim	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2009	336 / 1-3	35-40
1664	Adsorption dynamics of fatty acid and fatty alcohol alkoxyates in comparison	H.L. Möhle, U. Aeppli, U. Ohlerich	Poster at the 7th World Surfactants Congress CESIO 2008 in Paris	2008		1
1573	Influence of application volume on the efficacy of clodinafop-propargyl and fenoxaprop-P-ethyl on oats	C. Gauvrit, T. Lamrani	Weed Research	2008	48	78-84
1790	Dynamic Surface Tension and Surface Dilatational Elasticity Properties of Mixed Surfactant/Protein Systems	Lok Kumar Shrestha, Yohei Matsumoto, Keiichi Ihara, Kenji Aramaki	Journal of Oleo Science	2008	57 / 9	485-494
1597	Adsorption and aggregation properties of amino acid-based N-alkyl cysteine monomeric and N,N'-dialkyl cysteine gemini surfactants	Tomokazu Yoshimura, Ayako Sakato, Koji Tsuchiya, Takahiro Ohkubo, Hideki Sakai, Masahiko Abe, Kunio Esumi	Journal of Colloid and Interface Science	2007	308 / 2	466-473
1571	Surfactant Additives for Pesticide Formulations - Effects on Both Spray Atomization and Substrate Wettability	C. Rulison	KRÜSS Application / Technical Notes	2007	AN261	1-4
1690	Lowering the Tension	Vicky James, Xue Jian	Surfactants	2007		32-36
4176	Spray Retention Models for Arable Crops	Wilhelmina Alison Forster, Mark Owen Kimberley, Jerzy Zabkiewicz	JOURNAL OF ASTM INTERNATIONAL	2006	3/6	
1575	Maximum Bubble Pressure Method: Universal Surface Age and Transport	Nikolay C. Christov, Krassimir D. Danov, Peter A. Kralchevsky, Kavssery P.	Langmuir	2006	22 / 18	7528-7542

Number	Title	Authors	Journal	Year	Vol./No.	Pages
	Mechanisms in Surfactant Solutions	Ananthapadmanabhan, Alex Lips				
1499	Nueva utilidad de las resinas de silicona - Para los recubrimientos	Vicky James, Gerald Witucki	Pinturas y Acabados Industriales	2006	XL VIII	19-26
1599	A technical feasibility study of surfactant-free drug suspensions using octenyl succinate-modified starches	Martin Kuentz, Peter Egloff, Dieter Rothlisberger	European Journal of Pharmaceutics and Biopharmaceutics	2006	63 / 1	37-43
1600	Synthesis and surface-active properties of sulfobetaine-type zwitterionic gemini surfactants	Tomokazu Yoshimura, Tomoko Ichinokawa, Megumi Kaji, Kunio Esumi	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2006	273 / 1-3	208-212
1538	Phase behavior and surface tensions of amphiphilic fluorinated random copolymer aqueous solutions	Suraj Chandra Sharma, Durga P. Acharya, Miguel Garcia-Roman, Yasuo Itami, Hironobu Kunieda	Colloids and Surfaces A: Physicochem. Eng. Aspects	2006	280	140-145
2625	Structural Correlates of Antibacterial and Membrane-Permeabilizing Activities in Acylpolyamines	Rajalakshmi Balakrishna, Stewart J. Wood, Thuan B. Nguyen, Kelly A. Miller, E. V. K. Suresh Kumar, Apurba Datta, Sunil A. David	Antimicrobial Agents and Chemotherapy	2006	50/3	852-861
1791	Interfacial properties and foam stability effect of novel gemini-type surfactants in aqueous solutions	Durga P. Acharyaa, José M. Gutiérrezb, Kenji Aramaki, Ken-ichi Aratani, Hironobu Kunieda	Journal of Colloid and Interface Science	2005	291 / 1	236-243
1402	Molecular defoamers - Resolving stability and compatibility problems	W. Stout, C. Louis	European Coatings Journal	2005	04	132-137
2590	Adsorption Kinetics of Decanoyl-N-methylglucamine at the Expanding Spherical Surface	LIU Junji, ZHANG Yu, LI Guoting	Chinese J Chem. Eng.	2005	13/6	736-740
2720	Sugar-Based Gemini Surfactants with Peptide Bonds: Synthesis, Adsorption, Micellization, and Biodegradability	Tomokazu Yoshimura, Kana Ishihara, Kunio Esumi	Langmuir	2005	21/23	10409-10415
2910	Foam stability and interfacial properties of milk protein-surfactant systems	Sandrine Rouimi, Catherine Schorsch, Celine Valentini, Sophie Vaslin	Food Hydrocolloids	2005	19	467-478
1362	Dynamic properties of surfactants - the basis for a profound understanding of their industrial application	Ch. Bilke-Krause, U. Ohlerich, H.L. Möhle	Lecture CESIO2004	2004		
1328	Considerations Before Making Non-equilibrium Surface Tension Measurements	James Chamberlain, Chris Rulison	KRÜSS Application / Technical Notes	2004	TN307	1-5
1305	Freundliches Entgegenkommen - Oberflächenoptimierung von Farbe und Werkstoff mit Meßgeräten von KRÜSS	Frank Thomsen	Welt der Farben	2004	03	26-30

Number	Title	Authors	Journal	Year	Vol./No.	Pages
2811	Dynamic Interfacial Properties of Non-Ionic Surfactants - Part I	H. L. Möhle	SÖFW-Journal	2004	130	1-8
3171	Diffusion-Controlled Adsorption Kinetics of Triton X-100 at Air/Solution Interfaces	LIU Jun-ji, WANG Chuang-ye	Transactions of Tianjin University	2004	10/3	3 pages
1945	Rheology, dynamic and equilibrium adsorption of ionic surfactant at liquid interfaces	Dora T. Dimitrova, Nikola A. Alexandrov, Krastanka G. Marinova, Theodor D. Gurkov, Krassimir D. Danov, Ivan B. Ivanov, Christine Bilke-Crause, Carsten Gerber	Poster at EUFOAM 2004	2004		
1250	Hydropalat - Netzmittel für die Druckfarben-Industrie	P. Bene	Cognis talk	2003		
1260	About temperature dependency of surface tensions in mixtures of lecithin in 3-hydroxypropionitrile	U. Messow, M. Alexeeva, T. Licha, J. Oberbrodhage, H. Morgner	Colloid Polym Sci	2003	281	980-987
1385	Effect of Hydrophobe Structure on Performance of Alcohol Ethoxylates	C. Genova, U. Schoenkaes, D. Smith, M. Stolz	Journal of Surfactants and Detergents	2003	06 / 04	365-372
1258	Evaluating the Impact of an Acetylenic Diol-Type Surfactant on DVU Lithography Performance	P. Zhang, D.M. King, E.J. Karwacki	MICRO	2002		51-56
1210	The Use of Acetylenic Glycol Based Additives in Automotive OEM Coatings	C.Louis, W.Stout, C.Reader, S.Elajaji	Pitture e Vernici	2002	Vol. 78	15-21
1216	Zum Einfluss von NaCl auf dynamisch ermittelte Oberflächenspannungen wässriger Tensidlösungen	U.Messow, A.Al-Hallak, J.Liu, M.Aleksseleva, W.Kleinitz	Chem.Technik	2002	Jg.53 No.1	16-22
1287	Dynamic Surface Tension - Is it Useful in Managing Substrate Wetting of Acrylate Monomers in High.Speed Applications?	M. Fies, H. Endres, R. Narayan, A. Natesch	RadTech 2002 Conference Papers	2002		227-243
1170	Effective Alternatives to Nonylphenol Ethoxylates an Isotridecyl Alcohol Ethoxylates	H.L.Möhle, U.Ohlerich	SÖWF-Journal	2001	Vol. 127 No.6	24-29
1208	Imbentin-U-wirksame NPE-Alternativen von Kolb	H.L.Möhle	TensiTimes Kolb Brochure	2001	2	
1572	How surface tension of surfactant solutions influences the characteristics of sprays produced by hydraulic nozzles used for pesticide application	M.C. Butler Ellis, C.R. Tuck, P.C.H. Miller	Colloids and Surfaces A: Physicochem. Eng. Aspects	2001	180	267-276
1067	Calculation of Diffusion-Coefficients from the Maximum Bubble Pressure Experiment for Pure n-Alkyl-beta-D-	J.U.Zilles	KRÜSS Application / Technical Notes	2000	AN215	1-5

Number	Title	Authors	Journal	Year	Vol./No.	Pages
	Glucosides					
1068	Analysis of Surfactants for Textile Refining using Static and Dynamic Surface Tension Apparatuses	U.Ohlerich	KRÜSS Application / Technical Notes	2000	AN214	1-4
1148	Diffusionskontrollierte Adsorptionskinetik von wäßrigen Tensidlösungen an der Grenzfläche Lösung/Luft	J.Liu	Dissertation (Phd-Thesis)	2000		
1058	Diffusion-controlled Adsorption kinetics at the Air/Solution Interface	J.Liu, U.Messow	Colloid Polym.Sci.	2000	278	124-129
933	Thermodynamics of n-Alkyl-beta-D--glucopyranoside + Water + Alcohol Mixtures	S.Enders, D.Häntzschel, H.Kahl	Talk at 39. Hauptversammlung der Kolloidgesellschaft	1999		1-13
1038	Fountain Solutions for Offset Printing	J.U.Zilles	KRÜSS Application / Technical Notes	1999	AN212	
950	Correlation between surface tension and physical paint properties	M.Osterhold, K.Armbruster	Proceedings XXIV FATIPAC Kongress	1998		A37-A46
943	Dynamic Surface Properties of Hard Surface Agents Relation to Cleaning Performance	D.J.M.Martens, A.G.T.M.Bastein, A.E.Duisterwinkel	Proceedings 38th Internat. Detergency Conf. WFK	1998		277-280
912	Feuchtmittel -Grundlagen der Offsetfeuchtung-	brochure SunChemical / Hartmann	company brochure SunChemical/Hartmann	1998		1-14
1094	Influence of Dissolved Gases on Foam	S.Fisher, G.Hauser, K.Sommer	European Brewery Convention (Amsterdam, The Netherlands)	1998	3-418-00769-4	37-46
1016	Calculation of Adsorption Isotherms on Hard Solid Surfaces Using Measurements of Surface Tensions and Contact Angles	U.Messow, P.Braeuer, A.Schmidt, C.Bilke-Krause, K.Quitzsch, U.Zilles	Adsorption	1998	4	257-267
815	Tenside in der Textilveredelung - Wirkungsmechanismen von Tensiden in der Textilveredelung Teil 15: Einsatz von Zuckertensiden als Alternative für herkömmliche Tenside in textilen Waschprozessen I	E.Bach, I.Wardowsky, W.Becker, E.Schollmeyer	Tenside Surfactants Detergents	1997	34 /2	95-101
885	Dynamic Surface Properties of Hard Surface Agents Relation to Cleaning Performance	D.J.M.Bergink-Martens, A.E.Duisterwinkel	Poster	1997		
911	"Water-Containing Aerosol Hair Spray - Using Physical Measurements to Optimize Water-Containing Aerosol Hair Sprays"	J.L.Gormley, G.T.Martino, J.G.L.Pluyter, Q.K.Tong	Cosmetics & Toiletries Manufacture Worldwide	1997	reprint	209-216

Number	Title	Authors	Journal	Year	Vol./No.	Pages
743	Dynamic surface tension of coal-water slurry fuels	K.D.Kihm, P.Deignan	Fuel	1995	/2 74	295-300
1580	Speeding up static and dynamic interfacial measurements	C. Moules	Laboratory Equipment Digest	1994		13-14
624	A Wetting Agent for Alcohol-Free Fountain Solutions	J.C. Hornby, D. Jon	Am. Ink Maker	1994	10	??
514	Effects of Hydrophobe and Hydrophile Variations on the Dynamic Surface Tension of Anionic Surfactant Solutions	J.Fisher	3rd World Conference 1993 Montreux	1993		
450	Neue Geräte zur Charakterisierung von Gleichgewichts- und Dynamischer Oberflächenspannung fester und flüssiger tensidhaltiger Systeme	U.Ohlerich, C.Weser	SÖFW-Journal	1992	118./19	1209-1211
44	Method for the measurement of dynamic surface tension	T.E.Miller Jr., W.C.Meyer	International Laboratory	1984		28-37
2972	Preventing Hydrogen Sulfide Formation in Shipboard AFFF Fire Protection Systems	Ronald S. Sheinson, Bradley A. Williams	Naval Research Laboratory, Code 6185			12 pages