

研究業績

1. 論文

(1) Separation between glycyrrhizinic acid isomers by high performance liquid chromatography

K. Tsubone, S. Ohnishi, T. Yoneya

J. Chromatogr. Vol. 248, pp. 469-473 (1982)

(2) Synthesis of sodium 2-(N-alkyl-N-methylamino)ethane phosphates and their Physicochemical Properties

K. Tsubone, N. Uchida, H. Niwase, K. Honda

J. Am. Oil Chem. Soc., Vol. 66, No. 6, pp. 829-835 (1989)

(3) Synthesis of 2-(N-alkyl-N,N-dimethylammonio)ethyl phosphates and their Physicochemical Properties

K. Tsubone, N. Uchida

J. Am. Oil Chem. Soc., Vol. 67, No. 3, pp.149-153 (1990)

(4) New Amphoteric Surfactants Containing a phosphoric Acid group: I . Synthesis and Physicochemical Properties of Sodium 2-(N-2-hydroxyalkyl-N-methylamino)ethyl hydrogen phosphates

K. Tsubone, N. Uchida, K. Mimura

J. Am. Oil Chem. Soc., Vo. 67, No. 7, pp. 451-456 (1990)

(5) New Amphoteric Surfactants Containing a phosphoric Acid group: II . Binary System of Amphoteric/Anionic Surfactant of Sodium 2-(N-2-hydroxyalkyl-N-methylamino)ethyl hydrogen phosphates

K. Tsubone, N. Uchida

J. Am. Oil Chem. Soc., Vol. 67, No. 7, pp. 455-458 (1990)

(6) Synthesis of 2-(N-3-Alkoxy-2-hydroxypropyl-N,N-dimethylammonio)ethyl hydrogen phosphates and their Physicochemical and Antomicrobial Properties

K. Tsubone, N. Uchida

J. Jpn. Oil Chem. Soc., Vol. 40, No. 5, pp. 392-398 (1991)

(7) Relation between Structure and Antomicrobial Activity of

2-(N,N,N-Trialkylammonio)alkyl hydrogen phosphates

K. Tsubone, N. Uchida, Y. Ito

J. Pharm. Sci., Vol. 80, No. 5, pp. 441-444 (1991)

(8) Correlation between Antimicrobial Activity and Chelating Ability of 2-(N,N,N-Trialkylammonio)alkyl hydrogen phosphates

K. Tsubone

J. Pharm. Sci., Vol. 80, No.11, pp. 1051-1054 (1991)

(9) Hemolysis by Amphoteric Surfactants with a Phosphate Group

K. Tsubone, Y. Uchida, T. Yoneya

J. Jpn. Oil Chem. Soc., Vol. 41, No.12, pp. 1163-1168 (1992)

(10) Comparison between Phase Behavior of Anionic Dimeric (Gemini-Type) and Monomeric Surfactants in Water and Water-Oil"

H. Kunieda, N. Masuda, K. Tsubone

Langmuir, Vol. 16, pp. 6438-6444 (2000)

(11) Specific Surface Activity of Gemini Surfactant: Mixing Effects of Alanine-type and Sulfate-type Surfactants

K. Tajima, Y. Imai, A. Nakamura, K. Tsubone, K. Mimura, Y. Nakatsuji, I. Ikeda

J. Oleo Sci. Vol. 50, pp. 453-462 (2001)

(12) Structural Effect on Surface Activities of Anionic Surfactants having N-Acyl-N-methylamide and Carboxylate Groups

K. Tsubone, M. J. Rosen

J. Colloid Interface Sci., Vol. 244, pp. 394-398 (2001)

(13) Aqueous Properties of Mixed Anionic Gemini Surfactant and Conventional Surfactant

K. Tsubone, K. Tajima

J. Oleo Sci., Vol. 51, No.2, pp. 123-131 (2002)

(14) Aqueous Properties of an Anionic Gemini Surfactant with N,N-Dialkylamide and Carboxylate Groups in Solubilizing System

K. Tsubone, K. Tajima

J. Oleo Sci. Vol. 51, No.6, pp. 371-378 (2002)

- (15) Formation of Microemulsions with Gemini-Type Surfactant

H. Kunieda, M. Kaneko, Jin-Feng, K. Tsubone

J. Oleo Sci. Vol. 51, No. 12, pp. 761-769 (2002)

- (16) Surface and Aqueous Properties of Anionic Gemini Surfactants Having Dialkylamide, Carboxyl, and Carboxylate Groups

K. Tsubone, T. Ogawa, K. Mimura

J. Surfactants & Detergents. Vol. 6, No.1, pp. 39-46 (2003)

- (17) The Micelle Ionization Degree of Anionic Gemini Surfactant Having N,N-Dialkylamide and Carboxylate Groups

K. Tsubone, S. Ghosh

J. Surfactants & Detergents Vol 6, No 3, pp. 225-229 (2003)

- (18) Surface Activities of Anionic Gemini Surfactants; Alkanediyl- α, ω -bis(sodium N-acylalanate)

K. Tsubone, M. J. Rosen

J. Colloid Interface Sci. Vol. 262, pp.516-524 (2003)

- (19) Interaction of an Anionic Gemini Surfactant with Conventional Anionic Surfactant

K. Tsubone

J. Colloid Interface Sci. Vol. 261, pp.524-528 (2003)

- (20) Micellization of an Anionic Gemini Surfactant Having N,N-Dialkylamide, Carboxyl, and Carboxylate Groups

K. Tsubone, S. Ghosh

J. Surfactants & Detergents Vol. 7, No. 1, pp. 47-52 (2004)

- (21) Polymerizable Cationic Gemini Surfactant

M. Abe, K. Tsubone, T. Koike, Koji Tsuchiya, Takahiro Ohkubo, Hideki Sakai

Langmuir Vol 22, No. 20, pp. 8293-8297 (2006)

2. 著書、訳書

- (1) 「界面活性剤と界面現象」 坪根和幸、坂本一民共訳
フレグランスジャーナル社、平成 7 年発行
(原書: "Surfactants and Interfacial Phenomena" 2nd ed.,
Milton J. Rosen, Wiley-Interscience, 1988)
- (2) 「美容皮膚科プラクティス」 南山堂、1999年発行 (分担執筆)
- (3) 「第 4 版油化学便覧」 丸善、2001年発行 (分担執筆)

3. その他の研究業績

登録特許 5 0 件