



食品级消泡剂

Antifoams for Food



粤 XK13-217-00448



**KCC** **BASILDON**

KCC生产的食品级消泡剂是高度有效的新型聚硅氧烷消泡剂，专门设计用于各种纯液体、复合物或乳液中的各项食品加工应用，KCC消泡剂已通过多数食品法规，并符合犹太认证，与很多其他标准消泡剂相比，可提供经济的、安全的、显著的消泡能力。

KCC products are designed as highly effective foam control agents which can be used in a variety of aqueous and non-aqueous food processing applications. They are all certified Kosher and comply with most regulations covering the use of antifoams in foodstuffs.

- SI3910Z 适用于纯液体食品加工应用 Designed for aqueous application.
- SI3920Z 适用于纯液体食品加工应用 Designed for aqueous application.
- SI3930Z 专门设计用于多种食品加工消泡环节，宽广温度内控制泡沫，提供高效的消泡性能和经济适用 Concentrated version for more difficult applications and those processes where economy can be shown by controlled antifoam metering.
- SI3940Z 适用于纯液体食品加工应用 Designed for aqueous application.
- SC3910Z 适用于无水消泡应用 Designed for non-aqueous application.

- SI3925Z 适用于纯液体食品及发酵加工应用 Ready to use product for fermentation and food processing application.
- SC3911Z 适用于纯液体食品及发酵加工应用 Ready to use product for fermentation and food processing application.

应用领域 Application Area	生产归类 Production	KCG 适用产品 Product	应用工艺 Application Process
<b>食品生产 FOOD</b>			
饮料 Beverage	果汁 Fruit juice	SI3910Z SI3920Z SI3930Z	在果汁生产过程中，用作搅拌、混合、泵送过程和辅助清洁， During filling of container, allowing containers to be filled to maximum weight. Typical addition level is 10 ppm.
	碳酸饮料 Carbonated beverages	SI3910Z SI3930Z	用于罐装及增加罐装容量 Allowing containers to be filled to maximum weight
	软性饮料 Soft drink	SI3910Z SI3920Z SI3930Z	用于罐装前的搅拌 During mixing before bottling. Typically, antifoam is diluted prior to addition.
	无糖饮料 Sugar-free soft drink	SI3910Z SI3930Z	防止产品溢出损耗 Reduction spillage or loss of product
	豆奶 Soy milk 豆腐 Tofu 大豆蛋白 Soybean protein 大豆酱油 Soy sauce	SI3910Z SI3930Z	用于锅炉中冷热系统加工搅拌，泵送过程 During cooking of soy milk 添加到豆粉生产过程中 During cooking of tofu 在大豆蛋白加工过程中使用 During processing of soybean protein 用于酱油加工过程中 During processing of soy sauce
啤酒、酒精饮料 Beer/Alcoholic beverage	啤酒 Beer	SI3910Z SI3925Z SI3931Z	用于啤酒生产过程中容罐容量的增大，罐装时防止产品溢出损耗，用于管道清洁减少水槽废水泡沫 Processing aids and cleaning aids.
	酒精饮料 Alcoholic drink	SI3910Z SI3930Z SI3925Z	用于混合过程和管道泵送清洁，减少水槽废水泡沫 During the mash processing step for alcoholic drink production & the cleaning of the processing equipment
淀粉、薯片制作 Starch/Potatoes	薯片、薯条、Potato flakes, Chips & french fries	SI3910Z SI3930Z	在洗涤和剥皮过程中减少蛋白泡沫 In a caustic bath during potato washing and peeling processes
肉制品 Meat	肉类制品加工 Meat processing	SI3910Z SI3930Z	用于减少高温溶化油脂过程的消泡 During the high temperature rendering process
	家禽制品处理 Poultry processing	SI3910Z SI3930Z	添加家禽脂肪时，在高温处理时减少泡沫产生 During the high temperature rendering process
	明胶生产 Gelatin production	SI3910Z SI3930Z	减少动物油脂高温生产过程中产生的泡沫 During the high temperature rendering process
	奶制品 Dairy products	酸奶、奶酪，调制奶，人造奶油 蛋白质粉，布丁 Dairy and cheese Powdered egg Pudding manufacturing	SI3910Z SI3930Z
糖果生产 Sweet	糖果生产 Sweet production	SI3910Z SI3930Z	用于糖果生产过程中 During production of sweets
	雪糕及乳糖 Toffee and soft ice	SI3910Z SI3930Z	减少糖份蛋白泡沫在加工及清洁过程中损耗 As process aids and cleaning aids during production of toffees and soft ices
	果酱、果浆 Jam	SI3910Z SI3930Z	水果及糖浆高温混合过程中泡沫溢出 During the boiling of fruit and sugar mixture, preventing spillage
	蔗糖、甜菜糖 糖浆加工 Sugar beets	SI3910Z SI3930Z	制糖加工的提取、净化、高温、罐装过程均需减少泡沫的溢出 During sugar production, such as washing, sugar extraction and purification
	天然色素 Food colorant	食用色素、胡萝卜素、辣椒红、番茄素，家禽用液体色素 Food colorant	SI3910Z SI3930Z
固体饮料 Powdered drinks	粉末饮料 Powdered protein 功能饮料 Sports drink 粉末咖啡 Powdered coffee	SI3910Z SI3930Z	减少粉末与水混合时产生大量泡沫造成溢出 During mixing powder and water, reducing spillage or loss of product
<b>发酵生产 Fermentation</b>			
啤酒 Beer 醋饮料 Vinegar	啤酒酿造 Beer 水果醋饮料 Vinegar drink	SI3930Z SI3925Z	减少酿造过程中泡沫的溢出 Fermentation tanks to increase capacity, reducing foam in the resultant waste water
抗生素 Antibiotics 乙醇生产 Alcohol	抗生素类药品 Antibiotics 生物乙醇，酒精 Bioethanol	SI3930Z SI3925Z SC3911Z	减少酿造过程中泡沫的溢出 Increase capacity in fermentation tanks to reduce foam in the resultant waste water
<b>其他生产 Others</b>			
清洗液 Cleaning fluid	管道、水槽、容器清洗 洗涤剂 Cleaning processing	SI3910Z SI3930Z	减少清洗过程中泡沫的形成或溢出 Cleaning process, reducing foam in the resultant waste water
油墨 Ink	水性油墨 Ink for food 粉末油墨	SI3910Z SI3930Z	减少油墨生产过程中泡沫的产生 Reducing foam in product processing



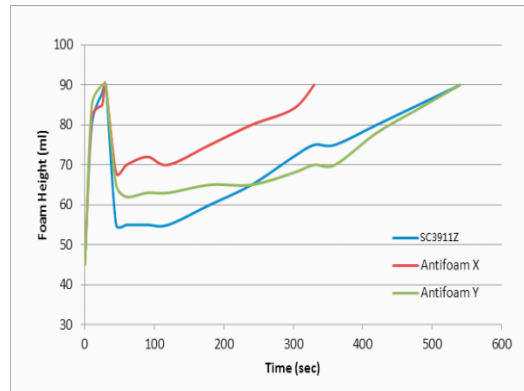
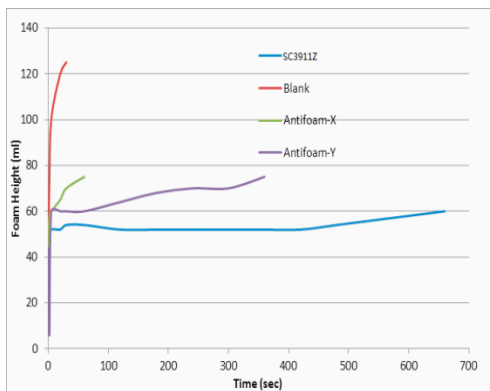


FoamClear代表最新的技术应用于食品工业和发酵工业的泡沫控制技术，该技术来自于在这领域拥有40年泡沫控制经验的专业公司—KCC Basildon。Foam-Clear represents the latest technology in foam control for the food industry and fermentation industry and comes from a company which has over 40 years experience in this field.

FoamClear泡沫控制应用技术已在许多国家被应用于食品工业及发酵加工工业，包括饮料、啤酒、豆制品、醋饮料等食品和酿造加工应用，全系列产品可提供安全的、经济的、出色的泡沫控制性能，并完全符合HACCP风险认证体系，符合多个国家的食品卫生法规，符合犹太认证。Foam-Clear has been use in many countries for foam control, covering a broad spectrum of applications in food processing, fermentation and brewing, etc. All are designed with a view to offering outstanding performance and comprehensive backup. The products are HACCP supported and compliant with food processing regulations. Our products are also certified as Kosher.

经检验，KCG发酵消泡剂在苛刻的环境中仍然保持它的消泡特性，在发酵罐长时间的发酵过程中仍然保持稳定性，证明它是优于其它的消泡剂。In testing KCG fermentation antifoams show all the characteristics required in this demanding process and outperform other antifoams both in the ability to kill foam in the process and in the length of time it remains effective in the demanding conditions of the fermenter.

KCG发酵消泡剂对行业标准的比较  
Comparison of KCC antifoam against industry standards



## 酿造和发酵 Brewing and Fermentation

KCG发酵消泡剂专门根据酿造和发酵工业对环境要求严格来设计的，现有的配方制定是基于满足大多发酵类型产品在特定环境所需要的要求下设计的，具有耐温性，无副作用，已经在很多谷物或糖浆被证明能改善泡沫和延长耐用性。KCC antifoam products are designed with the brewing and fermentation industries needs and requirements in mind, They are formulated to meet the demands of all types of fermentation, whether grain based or sugar molasses based, where they demonstrate improved foam kill and extended durability over existing antifoams.

- SI 3925Z 专门设计用于酿造及发酵工业泡沫控制，高效泡沫控制，经济实用，Designed specifically to meet the need of the brewing and beverage industry in fermentation
- SC3911Z 专门设计用于酿造及发酵工业泡沫控制，特别适用于食品生产要求严格发酵质量的高效泡沫控制，经济实用。A non-aqueous antifoam concentrate, designed specifically to meet the need of the brewing and beverage industry in fermentation applications.

## 关于我们 About Us

KCC集团是一家家族企业，成立于1958年，最初投资3700万欧元。现在拥有雇员4500人，总部设韩国首尔。我们的销售额超过17.7亿欧元，是全球领先的涂料、有机硅和特殊化学品的供应商，从2003年起，KCC投资超过6000万欧元全面研发硅材料。在过去的两年中，陆续投资4.3亿欧元扩大在个人护理和食品、工业领域，KCC有机硅将面向二十一世纪，满足全球日益增长的安全、效率和环保要求。金刚化工（广州）有限公司是KCC集团在中国的其中一个工厂，主要生产有机硅乳液产品。

KCC is a 37million Euros capital family business founded in 1958, that employs 4,500 people. The company is headquartered in Seoul, South Korea. Generating a turnover of 1,770 billion Euros, KCC Corporation is a global leader in coating and specialty chemicals. Since 2003, KCC invested over 60 million Euros in silicone R&D, and in the last 2 years secured a 430 million Euros investment to expand its production. KCC is re-engineering for the 21<sup>st</sup> century, with functional siloxane, ingredients designed to meet the ever growing global demands for safe, effective and environmentally sound technology, in personal care and industrial. KCC (Guangzhou) Co. Ltd is one of the factory of KCC group in China. And main production of silicone emulsion products.

KCC集团，正随客户信心增长而增长的特殊化学品公司。KCC Corporation, the specialty chemical company growing with customer confidence.

KCC Basildon是一家拥有40多年历史的制造型企业，公司尤其擅长制造一系列的有机硅乳液及有机硅消泡剂，公司为欧洲及全球100多家公司提供高品质的食品和药品方面的硅酮产品。KCC Basildon has been successfully producing high quality antifoam for over 40 years. Basildon Chemicals Strength is in Food, Pharmaceuticals and Cosmetics.



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