

Poly(vinylpyrrolidone)–Iodine complex

PRODUCT DATA SHEET

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Product Name:	Poly(vinylpyrrolidone)–Iodine complex
Product Number:	P121
CAS Number:	25655-41-8
Molecular Formula:	$(C_6H_9NO)_n \cdot xI_2$
Molecular Weight:	364.94
Description:	Poly(vinylpyrrolidone)–Iodine complex or "tamed iodine" is used as a topical antiseptic. PVP-I gradually releases active iodine, killing gram-positive and gram-negative bacteria, fungi, parasites, viuses and yeasts.
References:	Sebe, I., Szabó, B., Nagy, Z. K., Szabó, D., Zsidai, L., Kocsis, B., & Zelkó, R. (2013). Polymer structure and antimicrobial activity of polyvinylpyrrolidone-based iodine nanofibers prepared with high-speed rotary spinning technique. International Journal of Pharmaceutics, 458(1), 99–103. doi:10.1016/j.ijpharm.2013.10.011

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