



*ForTe – Novel Instant Antiseptic formulations
2020*

Shake & Use Povidone Iodine Powder-Blend formulation

Revolutionizing the International Antiseptic Products Arena





ForTe bv: the company

- ForTe bv is a subsidiary company within the ForTe IQ bv Holding
- ForTe IQ bv is privately owned, well established since early 2000 & located in The Netherlands
- ForTe bv is dedicated to development of Innovative pharmaceutical drug delivery technologies and proprietary pharmaceutical applications
- ForTe bv is an experienced turn-key provider of contract Pharmaceutical R&D services and operates with a skilled, experienced and dedicated tech staff (30 years+ experience)
- ForTe bv takes pride in having a proven successful track record and a high client loyalty rate and has experience working for Health Care industries across the globe

Web: www.ForTe-bv.com

ForTe bv: the Instant Povidone-Iodine project development & why

Development

ForTe has reformulated conventional Povidone Iodine 10% topical solutions into a robust proprietary specialty product. Subsequently, having a proportionally formulated Povidone Iodine containing Dry Powder Pre-mix composition available for instant reconstitution into topical aqueous Povidone-Iodine 10% solutions, for Professional and Consumer use as a First Aid Antiseptic, compliant to the United States Pharmacopeia.

The proportionally formulated instant Povidone-Iodine composition allows aqueous reconstitution of virtually any finished product volume and/or Povidone Iodine concentration. Simply by calculating an alternate volume of water required for reconstitution.

ForTe made use of applied proprietary technology and developed the instant formulation with a deep understanding of topical liquid Povidone Iodine formulations. Hence, anticipating on our insights to how we significantly could improve important aspects of current Povidone Iodine formulations for 1st Aid.

Why

Existing liquid-based iodines for skin and wound disinfecting have limited shelf life, are bulky/costly to ship and also costly to manufacture. As a result, these solutions pose difficulties to maintain consistent disinfecting properties, are more costly than necessary to the customers and are difficult to use in remote field situations.

ForTe bv: Instant Povidone Iodine Product Features

Features of the Process

Instant and easy “shake & use” properties

Substantial savings in logistic costs through safe and environmentally secure transport

Reconstituted equal to US Pharmacopeia 10% Povidone-iodine topical solution

Extended product shelf life

The instant soluble powder technology provides time & cost effective products in comparison to conventional iodine solutions

Benefits of the Product

Can be freshly reconstituted on the spot in field hospitals, regular hospitals on “as needed” basis

No need to store & transport bulky ready liquid product (i.e. water). No iodine leakage risks during transport. Efficient transport to remote areas.

No change in skin or wound disinfecting properties compared to conventional product

5 years as packed powder blend, plus 1 year after reconstitution. (3 years+ compared to conventional product)

Manufactured in 40% of the time required for preparing conventional iodine liquids

Scale of the Product

4.350 kg of powder blend for Instant PVP-Iodine Solution equals 25.000 liters of liquid iodine solution (26.250 kg). That’s the equivalent of one pallet of powder to a tanker truck full of liquid product.



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