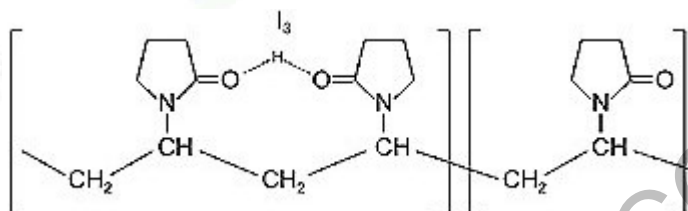


Technical Data Sheet

PVP-I

Product Information

Chemical Name	Complex of Polyvinylpyrrolidone with Iodine
CAS #	25655-41-8
Formula	(C ₆ H ₉ NO) _n I
Synonym	Povidone Iodine, PVPI
Chemical Structure	



Description

PVP-Iodine is a stable chemical complex of polyvinylpyrrolidone (PVP) and elemental iodine, which is completely soluble in water, ethanol etc. PVP-Iodine can extinguish bacterial, virus, fungus effectively. It is a stable complex with no irritation, which can dissolve in water completely.

Specification

Povidone Iodine	USP26	Current USP	Current EP/BP
Appearance	Free-flowing, red-brown powder		
Identification	Meet ID test		
pH Value(10% in water)	/	/	1.5-5.0
Iodide(on dried substance)	≤ 6.6%	≤ 6.6%	≤ 6.0%
Loss on drying	≤ 8.0%	≤ 8.0%	≤ 8.0%
Residue on ignition(Ash)	≤ 0.1%	≤ 0.025%	≤ 0.1%
Heavy metals	≤ 0.002%	≤ 0.002%	/
Nitrogen content	9.5%-11.5%	9.5%-11.5%	/
Available iodine	9.0% – 12.0%	9.0% – 12.0%	9.0% – 12.0%

Safety

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety

Applications

Povidone Iodine is one of the broad-spectrum disinfectant form human/animal health and other industries, it's acted as
Skin and equipment disinfectant before injection or surgery.
Anti-infection treatment for oral, gynecological, surgical, skin, etc.
Disinfects family tableware and apparatus
Sterilizes, disinfects in the foodstuff industry, breeding aquatics, and also prevents animal diseases.

Packaging

25kg fiber drum.
10mt per 20ft container

Storage & Handling

Povidone Iodine can be stored at room temperature (max.25°C) in the unopened original containers for at least 2 years. The storage temperature should be kept below 25°C

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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