



Specialized in chemicals

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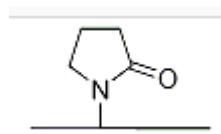
Site: www.tnjchem.com

Technical Data Sheet

Povidone Iodine

Product Information

Chemical Name	Povidone iodine
CAS #	25655-41-8
Formula	C ₆ H ₉ I ₂ NO
Molecular Weight	364.95
	Synonyms
Chemical Structure	Polyvinylpyrrolidone Iodine; Poly(1-(2-oxo-1- pyrrolidinyl)ethylene)iodine complex; PVP-Iodine; Betadine



Description

PVP-I is a complex of PVP with Iodine.

It exists as brown-red powder with properties of low toxicity,high efficiency and slow release.

PVP-I can extinguish bacterial, virus, fungus, mildew and sporule effectively.

It is a stable complex without irritation and dissolve in water completely.

Specification

Item	Specification
Appearance	Free-flowing,reddish-brown powder
Available Iodine, %	9.0~12.0
Iodine, %	≤ 6.6
Heavy Metal, ppm	≤ 20
Loss on drying, %	≤ 8
Residue on burning, %	≤ 0.1
Nitrogen, %	9.5-11.5
Sulfate Ash, %	≤ 0.2

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Povidone Iodine is noted for its wide range of uses.

Its major applications are in the field of prophylaxis:

- Skin and mucous membrane antiseptics
- Surgical and hygienic hand disinfection and in the field of treatment:
- Treatment of burns, decubitus and varicose ulcers
- Use in the treatment of dermatomycosis, pyoderma and acne
- Use in the treatment of vaginitis

Packaging

25kg/fiber drum

360drums(9mt)/20"container without pallet

360drums(9mt)/20"container with pallet(18drum/pallet)

Storage & Handling

Keep in dark place

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

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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