

TECHNICAL DATA SHEET



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 dissolves in water completely.

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.

Packing: Net weight: 25 Kg with a tolerance of $\pm 0,02$ Kg.

Inside packing: double plastic bag

Outside packing: HDPE box./Fiber Box.

POVIDONE IODINE

Product Name	:	POVIDONE IODINE
Brand Name	:	POV
Synonym	:	Polyvinylpyrrolidone Iodine; Poly (1-(2-oxo-1 pyrrolidinyl)ethylene) iodine complex; PVP –Iodine; Betadine.
CAS NO.	:	25655-41-8
Molecular Formula	:	(C ₆ H ₉ NO) _n .xI
Molecular Weight	:	NA
Assay as available iodine (ODB)	:	9.0 % to 12.0 %
Appearance	:	Yellowish brown to Reddish Brown amorphous powder.
Odour	:	Having a slight characteristic odour.
Solubility	:	Soluble in water and in alcohol, practically insoluble in chloroform, in ether, in solvent hexane and in acetone.
Heavy metals	:	Limit Max. 0.0002%
Residue on ignition	:	Not more than 0.025 %.
Loss on drying	:	Limit Max. 8.0 % w/w
Nitrogen content (ODB)	:	Limit 9.5 -- 11.5 %
Iodide Ion (ODB)	:	Not more than 6.6 % w/w
HS Code	:	29420090



Storage :

Moisture sensitive. Keep container tightly closed. Keep container in a cool, well-ventilated area. Material is stable @ room temp. It is stable at normal conditions of temperature and pressure.

The material does not require any special conditions for storage.

Transportation: Not classified as dangerous goods.

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