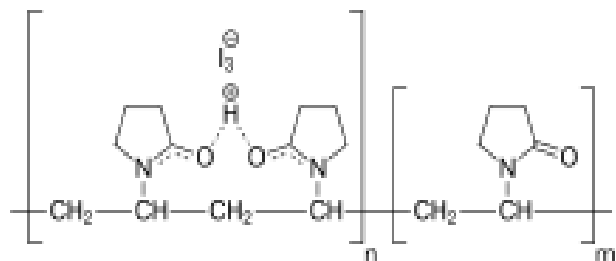


# TECHNICAL DATA SHEET

## POVIDONE IODINE



### 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 spore 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:** 25 Kg /fiber or HDPE drum.

### 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.

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

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 <sub>6</sub> H <sub>9</sub> NO) <sub>n</sub> .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

