



TECHNICAL DATA SHEET

ALGCare- PVP-I

(Povidone Iodine)

PVP-Iodine is an antiseptic that offers broad spectrum of coverage, demonstrating antiviral, antibacterial, and antifungal activity

CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
25655-41-8	364.94 g/mol	C ₆ H ₉ NOI ₂	ALG CHEMICALS

CHARACTERISTICS:	Yellowish brown amorphous powder; odour, slight and characteristic of iodine.
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SPECIFICATION:	TEST	LIMIT
	Identification	
	A	To pass test
	B	To pass test
	Loss on drying	NMT 8 % w/w
	Residue on ignition	NMT 0.025% w/w
	Iodine ion	NMT 6.6 % w/w
	Assay for available Iodine (on dried basis)	Not less than 9.0% and not more than 12.0%
	Heavy metals	0.002%
	Nitrogen contents	Not less than 9.5% and not more than 11.50% on dried basis

PACKAGING:	25 kg, HDPE Drums Other sizes available upon request.
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SHELF LIFE	2 years from date of manufacturing
STORAGE CONDITIONS	Store in tightly closed, light resistant container and keep in cool, dry place





ALG Chemicals

Chemistry for Hygiene & Healthy Life

APPLICATION

Skin and mucous membrane antiseptics
Surgical and hygienic hand disinfection
Treatment of burns, decubitus, varicose ulcers, dermatomycosis, pyoderma, acne and vaginitis
PVP-Iodine is used in topical formulations such as solutions, gels, creams, ointments and others.



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