



**JEEN** INTERNATIONAL  
CORPORATION

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## Specification Sheet

JEECIDE IPBC 100%  
IODOPROPYNYL BUTYLCARBAMATE

APPEARANCE:	WHITE POWDER
ODOR:	TYPICAL
MELTING POINT:	64 - 66 DEG C
WATER CONTENT:	1.5% MAXIMUM
PURITY (GC):	MINIMUM 97%
SOLUBILITY IN DIPROPYLENE GLYCOL:	CLEAR SOLUTION

Important Note: This document is for informational purposes only. Please contact your JEEN International Sales Representative before writing specifications for this product.

*You Can Count On Us!*

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**Technical Data**

Table 5 MIC Comparison of IPBC Versus Parabens (10) ppm

Organism	Paraben				IPBC
	Methyl	Ethyl	Propyl	Butyl	
Aspergillus niger	1000	400	200	200	1
Candida albicans	1000	1000	125	125	6
Chaetomium globosum	500	250	63	32	5
Pencillium species	500	250	63	32	1
Bacillus subtilis	2000	1000	250	125	50
Escherichia coli	2000	1000	1000	4000	100
Pseudomonas aeruginosa	2000	1000	800	200	250
Staphylococcus aureus	4000	1000	500	125	100

Table 6 IPBC Combinations with

Isothiazolinones such as (paint, wood, MWF, cosmetic)	Benzisothiazolinon (BIT) N-Octylisothiazolinone Mely(Chloro)isothiazolinone Dichloro-N-Octylisothiazolone
Triazoles such as (wood)	Propiconazole Febuconazole Hexaconazole
In combination with (paint, wood, MWF, others)	Thiocyanomethylthiobenzothiazole (TCMTB) Chlorothalonil Mercaptopyridine Dibromocyanoacetamid Dichlofluanide Octachlorodipropylether Cyclodextrine Diphenylether Glycols
Quaternary Ammonium Salts (wood, cosmetic)	Benzalkonium Chloride Didecyldimethyl Quat Didecyldicoco Quat Polyhexamethylene Biguanide
Formaldehyde/Donors such as (paint, MWF, cosmetics) in glycols	DMDM Hydantoin Imidazolidinyl Urea Triazines Benzylhemiforma Diazolidinyl urea Bicyclic Oxazolidines NA Hydroxymethyl Glycinate



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**Technical Data Continued..**

Table 7 Preservatives for IPBC Combinations (11)

Preservative (INCI)	Pseudomonas Seruginosa	Candida Albicans
Benzoic Acid	160	1200
Sorbic Acid	100	25
Formaldehyde	125	500
Chlorobutanol	1000	2500
Butylparaben	200	125
Propylparaben	800	125
Ethylparaben	1000	1000
5-Bromo-5-Nitro-1,3 Dioxane	50	25
2-Bromo-2-Nitropropane-1,3-Diol	50	25
Methyldibromo Glutaronitril?	(1300)	300
Dichlorobenzyl Alcohol	1000	500
p-Chloro-m-Cresol	500	200
Trichlocarban	1000	500
Triclosan	300	10
Chloroxylenol	1000	2000
Imidazolidinyl Urea	(2000)	8000
Polyaminopropyl Biguanide	100	250
Quaternium-15	50	250
DMDM Hydantoin	800	725
Piroctone Olamine	625	64
Bromchlorophene	800	--
Methyl(chloro)isothiazolones	5	5
Chlorhexidine	16	7
Cetrimonium Bromide/Chloride	50	25
Dimethyl Oxazolidine	125	500
Diazolidinyl Urea	1000	8000
Hexamidine	256	500
7-Ethylbicyclooxazolidine	400	700
Benzethonium chloride	250	64
Benzalkonium Chloride/Bromide	15	3
Benzylhemiformal	350	1500
Sodium Hydroxymethylglycinate	250	1000
Polymethoxy Bicyclic Oxazoldine (12)	75	900
IPBC	250	



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2-Bromo-2-Nitropropane-1,3-Diol	50	25
Methyldibromo Glutaronitril?	(1300)	300
Dichlorobenzyl Alcohol	1000	500
p-Chloro-m-Cresol	500	200
Trichlocarban	1000	500
Triclosan	300	10
Chloroxylenol	1000	2000
Imidazolidinyl Urea	(2000)	8000
Polyaminopropyl Biguanide	100	250
Quaternium-15	50	250
DMDM Hydantoin	800	725
Piroctone Olamine	625	64
Bromchlorophene	800	--
Methyl(chloro)isothiazolones	5	5
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Cetrimonium Bromide/Chloride	50	25
Dimethyl Oxazolidine	125	500
Diazolidinyl Urea	1000	8000
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7-Ethylbicyclooxazolidine	400	700
Benzethonium chloride	250	64
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Benzylhemiformal	350	1500
Sodium Hydroxymethylglycinate	250	1000
Polymethoxy Bicyclic Oxazoldine (12)	75	900
IPBC	250	