Technical Data Sheet

Clariant Disinfectant actives

Clariant

Exactly your chemistry.

Nipacide BCP.

Chemical name: 2-Benzyl-4-Chlorophenol

Description;

Nipacide BCP is a low toxicity flake disinfectant active. Nipacide BCP is effective against a wide range of microorganisms including gram positive and gram negative bacteria, yeast and fungi. When suitably formulated, Nipacide BCP also exhibits activity against a number of viruses.

Applications;

Nipacide BCP is recommended for use, either, alone for general purpose disinfectants or as part of a triphenolic blend for more critical disinfection needs for example hospital use. Nipacide BCP can also be used in hard surface cleaners.

Use levels;

Nipacide BCP should be evaluated in formulated disinfectants at levels between 3-10%, which in final use would further be diluted typically 1:40 to 1:120 with water, depending on the final application area.

Microbiological data;

Nipacide BCP has a broad spectrum of activity which is demonstrated by the following MIC data.

MIC Levels

Organism	MIC (ppm)
Bacteria	
Pseudomonas aeruginosa	*5000*
Salmonella entiritidis	*100*
Proteus vulgaris	*10*
Escherichia coli	*250*
Staphylococcus aureus	*25*
Fungi	
Aspergillus niger	*250*
Penicillium notatum	*100*
Stahybotrys atra	*25*
Mucor racemosis	*50*
Yeast	
Candida albicans	*50*
Saccharomyces cerevisiae	*100*

Formulation Recommendations;

Nipacide BCP is recommended for use with saturated soaps such as coconut oil soaps or anionic surfactants. Nipacide BCP should not be used with cationic or nonionic surfactants as these tend to decrease the stability of formulations, resulting in lowered activity.

Disinfectant Formulations;

Nipa BCP Mint Disinfectant %(w/w)

Coconut Oil Soap	28.00
Nipacide BCP	5.00
Isopropyl alcohol	14.90
Fragrance	1.50
Sodium EDTA	0.40
Water	50.20

Nipa BCP Mint Disinfectant is a general purpose disinfectant, proven effective against gram +ve and gram –ve bacteria at a 1:64 dilution rate. It is soluble in water forming a milky white emulsion

Nipa BCP Mint Disinfectant is especially recommended for general disinfection and deodorizing of;

- Floors and Walls
- Sinks
- Bathrooms
- Urinals
- Waste receptacles
- Hospital and sickrooms
- Locker rooms

NIPA Super Ocide Hospital Cleaner- Disinfectant %(w/w)

Nipacide BCP		10.63
Nipacide OPP		5.00
PTAP (para tertiary amyl phenol)		2.56
Dowfax 2A1		20.00
Isopropyl alcohol		10.18
EDTA		1.00
Potassium Hydroxide (45% soln)		2.30
Pylam Mint Green		0.03
Water	to	100.00

Use Areas: Hospital/Medical, Institutional, Industrial, Veterinary, Farm.
Use Dilution: 1:256

Chemical compatibility;

Nipacide BCP should not be used in formulations containing cationic, nonionic surfactants or unsaturated soaps. The compatibility of Nipacide BCP should be checked and evaluated before use

Clariant Technical Service;

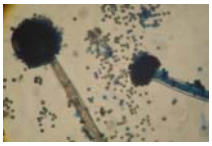
Clariant technical service is available to assist customers in the determination of the optimum use level of biocide required to fully protect their product. A dedicated team of microbiologists are on hand at all times to assist customers with technical enquiries relating to product protection. Full microbiological efficacy testing is available.

AVAILABLE MICROBIOLOGICAL TESTING

- **In can challenge.**
- **Dry film**
- **Chemical analysis**
- **Identification**
- **Disinfectant testing**
- **Microbiological audits**

Regulations and approvals;

EPA Approval. EPA registration number 49403-02



All information is given in good faith but without warranty. Customers should ensure that their use of the products comply with specific regulations in the relevant market