



Bio Security Range

GUARD YOUR PROFIT.
THE PREFERRED BIOSECURITY PARTNER

"Zenmak"



 **ZENMAK™**
ANIMAL HEALTH DIVISION



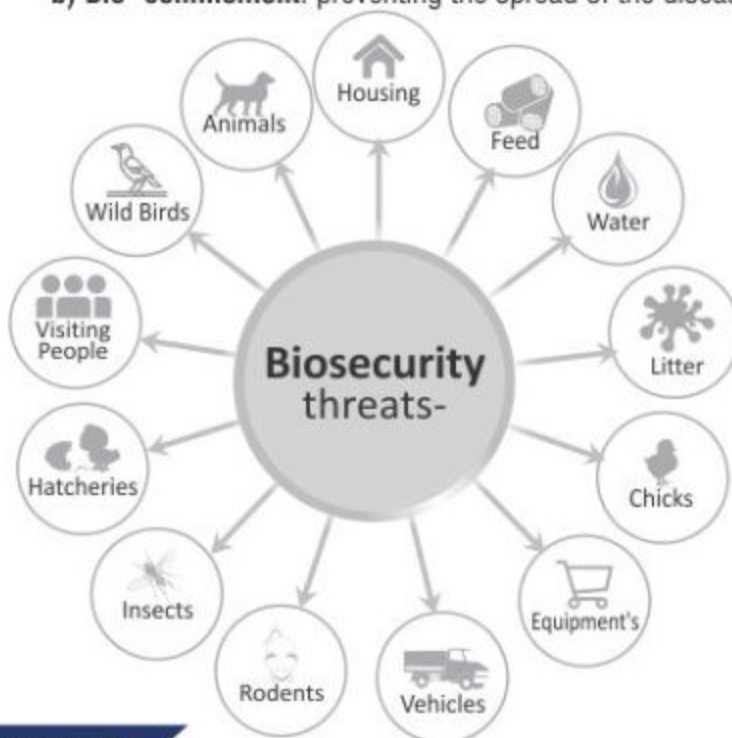
DESCRIPTION

BIOSECURITY

"It is the implementation of measures that reduce the risk of introduction and spread of disease causing organism on to & between sites."

Biosecurity based on two fundamental principles:

- a) **Bio- exclusion:** preventing the entry or introduction of disease agent on to a farm
- b) **Bio- confinement:** preventing the spread of the disease on a farm



USDA TIPS ON BIOSECURITY

- ✓ **Keep your distance-** restrict access to your birds
- ✓ **Keep it clean-** hygiene of the farm and equipment's
- ✓ **Don't haul disease home-** cleaning and disinfectant
- ✓ **Don't borrow disease from your neighbor-** don't share poultry supplies
- ✓ **Know the warning signs of infectious bird-** early detection of disease
- ✓ **Report sick bird-** Veterinarian assistance

WHAT ARE THE MEASURES TO ACHIEVE BIOSECURITY IN FARM-?

3 MAIN COMPONENTS OF BIOSECURITY:

- **ISOLATION**
- **TRAFFIC CONTROL**
- **SANITATION**

SANIKUAT-20

Powerful Broad
Spectrum
disinfectant



COMPOSITION:

Tetrasodium EDTA	4 %
N,N' - 1,2- ethanediylbis[N-(carboxymethyl)-, tetrasodium salt	
Quaternary ammonium compounds	4 %
di-C18-10- alkyldimethyl, chlorides	
Quaternary ammonium compounds	2 %
benzyl-C12-16-alkyldimethyl, chlorides	

BENEFITS:

- Broad spectrum of activity
- Effective in presence of hard water, organic matter
- Water soluble
- Effective at high pH
- Non corrosive, non toxic and user friendly
- Excellent antimicrobial and antibiofilm activity
- Suitable for all hatchery equipments
- Water treatment as well as hygiene and material protection applications

ACTIVE AGAINST:

Pseudomonas aeruginosa, *Listeria monocytogens*, *Salmonella typhimurium*,
ND Virus, IBD Virus, Avian influenza virus, *Aspergillus fumigatus*, *E.Coli* etc.

APPLICATION RATE

Disinfection
Water sanitation
Infections

4 ml in 1 litre of water
1 ml in 10 litre of water
10 ml / Ltr.

PRESENTATION

5 Ltr. & 1 Ltr.

STORAGE

Keep in cool & dark place



BIO TRIPLE CARE-20

Farm &
common
Disinfectant



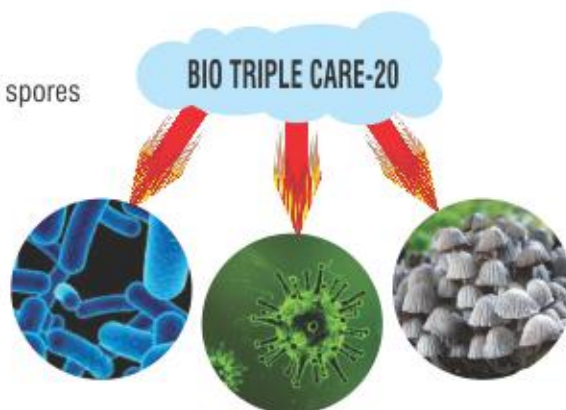
COMPOSITION:

each 100g contains

Glutaraldehyde	12.0
1,6-Dihydroxy 2,5 – dioxahexane.....	10.5 g
Polymethyl derivatives.....	4.6 g

BENEFITS:

- Useful for disinfection at high risk area
- Kills gram +ve and gram –ve bacteria, fungi, viruses and bacterial spores
- For economical and effective disinfection of poultry farms
- Cattle shed, Horse stables
- Hatcheries, Hatchery equipment's, In incubators
- Egg- inventory room
- No irritation, Prolonged residue period



ACTIVE AGAINST-

Candida albicans, Aspergillusniger, Pseudomonas aeruginosa, Bacillus subtilis, Staphylococcus aureus, Micrococcus spp. etc.

APPLICATION RATE:

Routine sanitization	5 ml / Ltr. water
For fumigation (or) Disease outbreak	30 ml / Ltr. water
Cleaning-use on alternate days	10 ml / Ltr. water

PRESENTATION

5 Ltr. & 1 Ltr.

STORAGE

Keep in cool & dark place

HYGIN-TACT- 20

Hatchery & Farm

Rapid and Long acting Disinfectant



ACTIVE INGREDIENTS-

Total Quaternary Compounds	6% w/v
- Alkyl dimethyl ammonium chloride	
- Octyldecyl dimethyl ammonium chloride	
- Dioctyl dimethyl ammonium chloride	
- Didecyl dimethyl ammonium chloride	
Glutaraldehyde Solution	3.1% w/v
Pine oil	1.7% v/v
Terpineol B.P.	1.7% v/v
Purified water	q.s.

BENEFITS-

- Broad spectrum activity against bacteria, bacterial spores
- Subsidiary virucidal and fungicidal activity
- Rapid acting, kills microorganism within 10 minutes of contact time
- Effective in presence of organic matter
- Residual activity lasts for 7 days

ACTIVE AGAINST-

Bacteria	<i>Escherichia coli, Salmonella enteritis, Salmonella typhi, Pseudomonas aeruginosa, Staphylococcus fumigatus, Staphylococcus aureus, Salmonella enteric</i>
Fungi	<i>Aspergillus fumigatus</i>
Viruses	Gumboro (Infectious bursal disease virus), New castle disease virus, Avian influenza virus, Infectious bronchitis virus, Fowl pox virus, Chicken anaemia virus, Marek disease Virus

APPLICATION RATE-

Water sanitation - 8 ml/25 lit. continuously, Terminal disinfection - 10 ml/lit, Routine disinfection - 5 ml/lit., Dipping - 20 ml/lit., For fish - 400-900ml per acre with a depth 1-1.2 mtr.

PRESENTATION

5 Ltr. & 1 Ltr.

STORAGE

Keep in cool & dark place



ZENMAK

ANIMAL HEALTH DIVISION

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