GLUTOL Extra
Disinfectant

BACTERICIDAL, FUNGICIDAL, VIRUCIDAL
(including Avian Influenza Virus)

Composition:
- Glutaraldehyde – 11.2% w/v
- Benzyl (C_{12}-C_{16}) Dimethyl Benzyl Ammonium Chloride – 7.4% w/v
- Didecyl Dimethyl Ammonium Chloride – 4.6% w/v

IV Secure – Glutol Extra is a high synergistic blend of Glutaraldehyde and second & fourth generation Quaternary Ammonium Compounds

Features & benefits:
- Effective against gram positive and gram negative sporulated bacteria, encapsulated and non-capsulated viruses, and fungi
- Highly effective against Avian Influenza Virus (H_{5}, N_{1})
- Greatest biocidal activity is associated with the C_{12}-C_{16} alkyl derivative
- Highly effective at all temperatures and varying water pH, including hard water
- Effective in the presence of organic matter
- Strong residual action provides long term protection
- Non-corrosive to equipment; Highly cost-effective
- Environment friendly; safe for humans and animals

Usage:
IV Secure – Glutol Extra is recommended @ 5 ml/litre of water during every downtime and before re-population of the house. Contact time of 10 minutes is required by IV Secure – Glutol Extra to break down cell walls.

<table>
<thead>
<tr>
<th>Application</th>
<th>Dosage</th>
<th>Usage instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foaming (Empty sheds)</td>
<td>5ml/litre of water</td>
<td>Use in hatchers, setters, trays, washing machines, central &amp; portable fogging systems, evaporative coolers, humidifying systems, live haul equipment including poultry transfer trucks, vehicle wheels, boots and shoes, poultry boxes such as polyethylene, foot baths, feed bins, poultry breeders, layers and broiler houses</td>
</tr>
<tr>
<td>Foggng (Empty sheds)</td>
<td>1-2 lit/4 litres of water sufficient for 1000m²</td>
<td>In an actual outbreak of disease on the farm / vicinity of farm, spray 2-3 times a day for a period of 5-7 days or till the disease/ threat of disease is over</td>
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<tr>
<td>Poultry sheds with population</td>
<td>Pressurized misting @ 5ml/litre of water. In an actual outbreak of disease at the farm or when the disease is in the vicinity, spray 2-3 times a day for a period of 5-7 days or till the disease/ threat of disease is over</td>
<td></td>
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<tr>
<td>Footdips</td>
<td>10ml/litre of water (water to be changed every alternate day or once in 3 days)</td>
<td>A minimum of 24-48 hours should elapse prior to re-populating of livestock. Spraying the interior of poultry sheds/houses that may include ceilings, floors, walls, egg nests, fixtures etc., care should be taken to wash these down prior to application. A contact time of 10 minutes to 1 hour should be allowed for treatment to take place</td>
</tr>
<tr>
<td>Vehicles</td>
<td>10ml/litre of water (water to be changed once in 7 days)</td>
<td>A minimum of 24-48 hours should elapse prior to re-populating of livestock. Spraying the interior of poultry sheds/houses that may include ceilings, floors, walls, egg nests, fixtures etc., care should be taken to wash these down prior to application. A contact time of 10 minutes to 1 hour should be allowed for treatment to take place</td>
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<tr>
<td>Equipment</td>
<td>10ml/litre of water (1% solution)</td>
<td>A minimum of 24-48 hours should elapse prior to re-populating of livestock. Spraying the interior of poultry sheds/houses that may include ceilings, floors, walls, egg nests, fixtures etc., care should be taken to wash these down prior to application. A contact time of 10 minutes to 1 hour should be allowed for treatment to take place</td>
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<td>Eggs</td>
<td>Spray @ 2.5ml/litre of water</td>
<td>A minimum of 24-48 hours should elapse prior to re-populating of livestock. Spraying the interior of poultry sheds/houses that may include ceilings, floors, walls, egg nests, fixtures etc., care should be taken to wash these down prior to application. A contact time of 10 minutes to 1 hour should be allowed for treatment to take place</td>
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Precaution: Use in well ventilated areas. Wear protective clothing and gloves while handling the product. Avoid contact with eyes. Rinse eyes with water immediately in case of accidental contact; seek medical advice

Presentation: 1 Lit., 5 Lit., 10 Lit. HDPE Containers

Shelf life: 2 years from the date of manufacture

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GLUTOL P
Disinfectant; Surfactant; Deodorant

Composition:
- Glutaraldehyde – 7.1% w/v
- Alkyl Dimethyl Benzyl Ammonium Chloride – 25.7% w/v
- Ethoxylated (12) Nonyl Phenol – 7.5% w/v
- Inert ingredients – 59.7%

IV Secure – Glutol P is a powerful combination of phase stable, bio-degradable, biocidal quaternary ammonium halide; an aliphatic dialdehyde and a foam surfactant

Features & benefits:
- Ideal disinfectant for hatcheries and breeding farms; Strong residual action
- Highly effective against Avian Influenza Virus (H_{5}, N_{1})
- Bio-degradable and safe for animals and humans
- Maintains efficacy at all temperatures and varying water pH
- Quite effective in high challenge of organic matter

Usage:

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<td>Hatchery disinfection</td>
<td>4ml/litre of water</td>
<td>Use in hatchers, setters, trays, washing machines, central &amp; portable fogging systems, evaporative coolers, humidifying systems, live haul equipment including poultry transfer trucks, vehicle wheels, boots and shoes, poultry boxes such as polyethylene, foot baths, feed bins, poultry breeders, layers and broiler houses</td>
</tr>
<tr>
<td>Disinfection (populated sheds)</td>
<td>4ml/litre of water</td>
<td>In an actual outbreak of disease on the farm / vicinity of farm, spray 2-3 times a day for a period of 5-7 days or till the disease/ threat of disease is over</td>
</tr>
<tr>
<td>Terminal disinfection</td>
<td>4ml/litre of water</td>
<td>A minimum of 24-48 hours should elapse prior to re-populating of livestock. Spraying the interior of poultry sheds/houses that may include ceilings, floors, walls, egg nests, fixtures etc., care should be taken to wash these down prior to application. A contact time of 10 minutes to 1 hour should be allowed for treatment to take place</td>
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Precaution: Avoid direct contact with eyes and skin. Store in a cool dry place in tightly closed containers, away from sunlight

Presentation: 1 Lit., 5 Lit., 10 Lit. HDPE Containers

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