**MULTI-100**

**Versatile Liquid Disinfectant For Poultry**

### Application

MULTI-100 Anti-microbial agent & powerful oxidant is an effective liquid disinfectant against gram positive and negative bacteria and increasingly used in Poultry farms and processing industry. It has been found very effective for microbial sensitive environments to sanitize / disinfect / deodorize hard, non-porous inanimate surfaces, such as poultry premises, trucks, hatcheries, live stock quarters, processing equipment surfaces. Use for boot wash, sanitize hatching eggs & market eggs has been well established.

### Description

MULTI-100, a product for bio-security at poultry industry. A highly effective broad spectrum micro-biocide, formulated to service the needs of disinfection and sanitization program at the poultry farm and processing house.

### Advantages

- High efficiency to kill all pathogenic bacteria
- Non corrosive at use concentration
- Approved for food application
- Easy to use
- Effective up to 8 pH
- Effective over a large Temp. range 5˚C to 40˚C (41˚F-104˚F)
- Readily biodegradable (breaks down to O2, CO2, water, CH3COOH)
- Microbicidal action can not build resistance
- Wide applications due to high activity against gram-positive and gram-negative micro-organisms.

### Efficacy (bacteria and virus)

#### Bacteria

- *Escherichia coli* (ATCC 25922)
- *Salmonella typhimurium* (DMST 15674)
- *Vibrio Cholerae* (DMST 2873)
- *Staphylococcus aureus* (ATCC 6633)
- *Bacillus subtilis* (ATCC 6633)
- *Listeria monocytogenes* (DMST 11256)
- *Bacillus cereus* (ATCC 11778)

#### Virus

- H5N1 (Avian Influenza Virus)
- H1N1 (Swine Influenza Virus)

### Recommended Dosage:

For dilution, add MULTI-100 to potable water at ambient temp

<table>
<thead>
<tr>
<th>Application</th>
<th>PAA -ppm</th>
<th>MULTI-100 per 10 L water</th>
<th>How to apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poultry premises-building hard surface disinfection by mopping</td>
<td>300 to 2600</td>
<td>17.2 ml to 149 ml</td>
<td>0.4 L/m2, keep wet 10 min., then air dry</td>
</tr>
<tr>
<td>Poultry premises- building space / surface disinfection by Fogging</td>
<td>0.1%</td>
<td>34 ml/m3 of space</td>
<td></td>
</tr>
<tr>
<td>Poultry trucks &amp; vehicle disinfection</td>
<td>300 to 2600</td>
<td>17.2 ml to 149 ml</td>
<td>0.4 L/m2, keep wet 10 min., then air dry</td>
</tr>
<tr>
<td>Boot wash tray/ hand gloves wash</td>
<td>600</td>
<td>35 ml</td>
<td>Replace daily</td>
</tr>
<tr>
<td>Water system (piping &amp; tank) disinfection</td>
<td>530</td>
<td>30 ml</td>
<td>Soak 30 min., then rinse till 3 ppm</td>
</tr>
<tr>
<td>Hatching Egg disinfection</td>
<td>85 to 123</td>
<td>4.8 ml to 7 ml</td>
<td>Lightly wet egg shells</td>
</tr>
<tr>
<td>Metal surfaces of machines &amp; accessories</td>
<td>109 to 123</td>
<td>6.2 ml to 7 ml</td>
<td>to Keep wet for 1-2 minutes</td>
</tr>
</tbody>
</table>
MULTI-100
Versatile Liquid Disinfectant For Poultry

Shelf Life
- Best before 1 year from date of production.

Quality
- Conforms to FCC VI specifications
- ISO 9001:2000, ISO 14001, OHSAS 18001, FDA and HALAL certifications
- GMP & HACCP certified systems

Packing
- 30 Kg PE jerricans
- 200 Kg PE drums

Shipping Considerations
- Product can not be shipped by air
- Placards: 5.2 Organic Peroxide
- Organic Peroxide Type F, Liquid (less than or equal to 17% Peroxyacetic Acid, Stabilized)
- UN No. 3109

Storage
- Store in a cool, dry ventilated place, preferably below 35 °C.
- Do not store near oxidizing agents, reducing agents, fuels or other non-compatible materials
- Do not store on wooden pallets or in direct sunlight
- Prepare dilute solutions just before its use, avoid keeping solutions for later use, consume it all.
- Never return unused product to original container of MULTI-100.
- Handle product where eyewash station & water supply is readily available

Website and Contact
Visit our website at www.adityabirlachemicals.com to view MSDS & Certificates.
For additional assistance call Customer Service: Tel: +66-2-7042141
E-mail: customerservices.thaichemicals@adityabirla.com

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