

AGRICULTURE AND HORTICULTURE INDUSTRY



DIN 02280647

GLUQUAT is a non-corrosive glutaraldehyde/quaternary ammonium-based disinfectant used for disinfecting of agricultural and horticultural buildings such as hog barns and poultry housing facilities, hatcheries, livestock trucks and trailers and equipment. **GLUQUAT** has been proven highly effective on a wide range of bacteria and viruses including E. coli, Salmonella, Listeria and Circovirus.

FEATURES and BENEFITS

- Neutral pH
- Non corrosive
- Contains 12.5% glutaraldehyde
- Contains 20% 5th generation quaternary ammonium compounds
- Effective in warm or cold water
- It's wide virucidal and microbiocidal spectrum acts on most bacteria, mould and yeast.
- Effective against Circovirus (PCV2) / Infectious bursal disease virus (IBD) / canine parvovirus / Newcastle disease virus / Avian influenza A virus (H5N1)
- Low reactivity with organic matter
- Extremely efficient and fast acting

DIRECTIONS FOR USE

DO NOT STORE WITH FOOD PRODUCTS

Equipment to be treated	Agricultural and horticultural equipment and premises: trucks, ceilings, walls, floors
Use procedure	<ol style="list-style-type: none"> 1. Remove all animals and feed. 2. Remove all dirt, manure, debris from floor or surface. 3. Pre-rinse with water to pre-clean. (High pressure if possible). 4. Clean with an alkaline cleaner (Premise Degreaser) 5. Rinse with water. (High pressure if possible) 6. Apply GLUQUAT to disinfect the cleaned surface manually, by using a foaming applicator, or by fogging. 7. Allow the disinfected surface to air for 4 hours before admitting livestock.
Concentration	0.4% (4 ml/litre of water or 20ml/5 L) (1:250)
Contact time	Minimum 10 minutes. Do not house livestock or use equipment until treatment has been absorbed and set to dry. (Allow the disinfected surface to air for 4 hours before admitting livestock).
Temperature	Between 4°C and 40°C (39°F and 105°F)
Rinsing	All food contact surfaces, treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers must be thoroughly rinsed with potable prior to reuse.

GLUQUAT

HEAVY-DUTY DISINFECTANT

PHYSICAL PROPERTIES

Appearance	Clear, light yellow
Odour	Aldehyde
Specific gravity @ 20°C	1.025
Viscosity	Low
pH (sol 1%)	5.5 - 6.5
Flash point (TCC)	None
Phosphorus	Lower than 1%
Water solubility	Complete
Auto ignition temperature	None
Chlorine	None
Boiling point	Approx. 100°C
Freezing point	N/A
Foaming tendency	Moderate
Concentration monitoring techniques	Refractive index
Rinsing	Excellent

INCOMPATIBILITY

None

WAREHOUSING PRECAUTIONS

Avoid freezing

FIRST AID MEASURES

EYE CONTACT

Wash with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

SKIN CONTACT

Wash with soap and water for 15 minutes. Consult physician if irritation develops or persists.

INHALATION

Give fresh air. Consult physician.

INGESTION

Do not induce vomiting. Drink plenty of water and contact physician.

HEALTH

2

FLAMMABILITY

0

REACTIVITY

0

LEGEND

0 = MINIMAL RISK
1 = SLIGHT RISK
2 = MODERATE RISK
3 = SERIOUS RISK
4 = SEVERE RISK

PERSONAL PROTECTION Security equipment



Organic Vapors Mask
ANSI Standard:
K13.1-1923

WHMIS



IMPORTANT : Before using **GLUQUAT**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).