Metaquat Germicidal Cleaner is a detergent-efficacious (DE) cleaning, disinfecting and deodorizing agent. It is for use in food processing plants, food service establishments, hospitals, schools, and manufacturing facilities. It can be used on surfaces made of paper, metal, tile, grout, porcelain, plastic, and some non-sanded ceramics. It is effective against the following bacteria and fungi: Escherichia coli O157:H7, Yersinia enterocolitica, Staphylococcus aureus, Salmonella enterica, Listeria monocytogenes, Shigella dysenteriae, Clostridium perfringens, Enterococcus faecalis, Lactobacillus delbrueckii, Pseudomonas aeruginosa, Trichophyton mentagrophytes, and Candida albicans. It is effective against Trichophyton mentagrophytes (the cause of athlete's foot fungus) on surfaces in areas such as showers, locker rooms, and gymnasium areas.

**In-Plant Use:**
- For use in food processing plants, food service establishments, and manufacturing facilities.
- Use up to 0.2% (2 oz. per gallon) of Metaquat Germicidal Cleaner solution.
- Use up to 0.05% (0.5 oz. per gallon) of Metaquat Germicidal Cleaner solution.

**Ex-Plant Use:**
- For use on surfaces made of paper, metal, tile, grout, porcelain, plastic, and some non-sanded ceramics.
- Use up to 0.2% (2 oz. per gallon) of Metaquat Germicidal Cleaner solution.
- Use up to 0.05% (0.5 oz. per gallon) of Metaquat Germicidal Cleaner solution.

**Precautionary Statements:**

**DANGER**
- Toxic. Causes immediate eye damage and skin burns. Inhaling concentrated fumes may cause death. Harmful if swallowed or inhaled. Avoid breathing spray mist. Do not get in eyes, on skin or clothing. Use protective clothing and gloves when handling. After handling, wash with soap and water after handling and before eating, drinking, or smoking.

**STORAGE AND DISPOSAL**

**Storage:**
- Store in a cool, dry area inaccessible to children.
- Do not contaminate water, food, or feed by storage or disposal.
- Pesticide/Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Pesticide Disposal.

**Disposal:**
- Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Pesticide Disposal.
- Keep out of reach of children.
- May be recycled or reconditioned.

**In-Plant Use:**
- For use in food processing plants, food service establishments, and manufacturing facilities.
- Use up to 0.2% (2 oz. per gallon) of Metaquat Germicidal Cleaner solution.
- Use up to 0.05% (0.5 oz. per gallon) of Metaquat Germicidal Cleaner solution.

**Ex-Plant Use:**
- For use on surfaces made of paper, metal, tile, grout, porcelain, plastic, and some non-sanded ceramics.
- Use up to 0.2% (2 oz. per gallon) of Metaquat Germicidal Cleaner solution.
- Use up to 0.05% (0.5 oz. per gallon) of Metaquat Germicidal Cleaner solution.

**First Aid:**
- If in eyes: wash eyes with large amounts of water for 15-20 minutes. Remove contact lenses, if present, after first few minutes. Call a poison control center or doctor for treatment advice.
- If inhaled: move to fresh air. If person is not breathing, call 911 or an ambulance, then give mouth-to-mouth, if possible, or mouth to an unconscious person. Remove contaminated clothing and wash clothing before reuse. Do not use if label has been removed.
- If on skin or clothing: wash skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- If swallowed: call a poison control center or doctor immediately for treatment advice.
- If in eyes: rinse slowly and gently with large amounts of water for 15-20 minutes. Do not rub eyes. Place under running water. Call a poison control center or doctor for treatment advice.

**Hazardous Ingredients:**
- n-alkyl (C14 -50%, C12 -40%, C16 -10%) dimethyl benzyl ammonium chlorides

**Environmental Impact Statements:**
- Probability of membrane damage may contaminate the use of gastric lavage.

**Pesticide or Environmental Control Agency:**
- Keep out of reach of children.
- Do not contaminate water, food, or feed by storage or disposal.

**Emergency Contact Information:**
- Spartan Chemical Company, Inc., 1110 Spartan Drive, Maumee, OH 43537 / 1-800-537-8990 / www.spartanchemical.com

**Precautionary Statements:**
- Toxic. Causes immediate eye damage and skin burns. Inhaling concentrated fumes may cause death. Harmful if swallowed or inhaled. Avoid breathing spray mist. Do not get in eyes, on skin or clothing. Use protective clothing and gloves when handling. After handling, wash with soap and water after handling and before eating, drinking, or smoking.

**Environmental Impact Statements:**
- Probability of membrane damage may contaminate the use of gastric lavage.