**PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**HIGHLY CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not take internally. Irritating to nose and throat. Avoid breathing dust.** Use with adequate ventilation. Do not get into eyes on skin or on clothing. Wear protective clothing, chemical resistant gloves and protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permits/authorities having notified in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS**

**CHEMICAL HAZARD: INHALATION**

Use clean dry atomizers. Do not add this product to any existing derping device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a reaction leading to fire or explosion. Improper mixing or handling, and exposure to temperature elevation, may result in contamination or decomposition, do not rinse. If possible, isolate container in area of well-ventilated area. Mixed with large volumes of water, it is not flammable.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE**

Store container tightly closed. Keep in a cool, dry, well-ventilated place. Do not store at temperatures above 100°F. PEDESTRIAN STORAGE: Pesticide wastes are acutely hazardous. Improper disposal of pesticide: spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by using the label instructions contact your State pesticide or environmental control agent or the hazardous waste representative at the nearest EPA regional office for guidance.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. (Metal and Plastic Containers) Triple rinse or (equivalent) and pour into a hazardous waste collection point. For recycling or reconditioning, or puncture and dispose in a sanitary landfill, or incinerate or burn if allowed by State and local authorities. If burned, stay out of smoke. If not triple rinsed or punctured and disposed of in accordance with local, state, and federal regulations.

**FOR INDUSTRIAL USE**

Technical advice regarding specific on site problems are available from Nalco Company. A Material Data Safety Sheet relative to the use of this product is also available upon request.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner not consistent with its labeling.

**AIRWASHERS**

For use only in industrial airwashers system maintenance which are minimum components.

NALCO 7346 TAB controls biofilm forming bacteria, fungi and algae in industrial airwasher systems. Add NALCO 7346 TAB at the rate of 0.1 to 1.0 pound (12 to 120 ppm) of water in the system, depending upon the degree of fouling and the type of contamination.

Control the application by measuring the free chlorine residual in the treated water. There is no need to exceed 0.1 ppm (as free chlorine). Badly fouled systems must be cleaned before treatment is begun. INTEGRAMENT OR SLUG METHOD – INITIAL DOSE: When the system is noticeably fouled add a sufficient amount to the water. Add 0.1 to 1.0 pound of 1000 gallons of water in the system to achieve 0.1 to 1.2 ppm of chlorine in the water. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

**BEVERAGE CAN RINSING OPERATIONS**

When used as directed, NALCO 7346 TAB effectively controls algal, bacterial and fungal biofilm in rinsing machines in beverage can rinsing operations. Add 0.1 to 1.0 pound of 1000 gallons of water in the system. Repeat until control is achieved.

**FOR CONTROL OF ALGAE**

NALCO 7346 TAB can be used in the manufacture of both food and non-food contact paper and paperboard.

**EPA REG. No. 6836-115-1706**

**TOTAL Active Ingredients**

- 1-Bromo-3-chloro-5,5-dimethylhydantoin: 54.2%
- 1,3-Dichloro-5,5-dimethylhydantoin: 28.9%
- 1,3-Dichloro-5-ethyl-5-methylhydantoin: 15.9%
- OTHER INGREDIENTS: 1.0%

**TOTAL**: 100.0%

**ACTIVE INGREDIENTS:**

- 68708-OK-1 (TU); 68708-TX-1 (SL); 68708-TX-3 (DS); 73005-DE-1 (PN)

**KEEP OUT OF REACH OF CHILDREN**

DANGER

**FIRST AID**

**CALL A Poison Control Center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.**

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

**IF SWALLOWED:** Call a poison control center for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

**IF INHALED:** Move person to fresh air. If not breathing, call 911 or an ambulance, preferably by mouth-to-mouth, if possible.

**NOT TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**SUBSEQUENT DOSE:** Once control is achieved, add 0.1 to 0.75 lbs. per 1,000 gallons of water daily or as needed to maintain one to three ppm bromine residual for at least 4 hours.

**INTENTION OR SLUG METHOD – INITIAL DOSE:** When the system is noticeably fouled add a sufficient amount to the water. Add 0.1 to 1.0 pound of 1000 gallons of water in the system. Repeat as needed to maintain one to three ppm bromine residual for at least 4 hours.

**INTERMITTENT OR SLUG METHOD – INITIAL DOSE:** When the system is noticeably fouled add a sufficient amount to the water. Add 0.1 to 1.0 pound of 1000 gallons of water in the system. Repeat as needed to maintain one to three ppm bromine residual for at least 4 hours.

**ENVIRONMENTAL HAZARDS**

**PESTICIDE DISPOSAL:** If these wastes cannot be disposed of by using the label instructions contact your State pesticide or environmental control agent or the hazardous waste representative at the nearest EPA regional office for guidance.

**TOTAL AVAILABLE HALOGEN AS CHLORINE**

62.8%
DIRECTIONS FOR USE (contd)

RECIRCULATING COOLING WATER SYSTEMS AND SEWAGE SYSTEMS

NALCO 7346 TAB aids in the control of bacterial, fungal and algal biofilm in evaporative coolers, heat exchanger water towers, sulfide systems such as flow through filters, industrial water scrubbing systems, brewery pasteurizers, power plant cooling systems, sewage systems (septic tanks, leach fields, tank lines, sewers, lagoons, and sewage effluent water) – NOT ADD TO OPEN CYCLE WATER SYSTEMS.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA AND FUNGI

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled add 0.1 to 1.0 pounds (12 to 120 ppm) of water in the system.

SUBSEQUENT DOSE: When microbial control is evident add 0.1 to 0.75 pounds per 100 gallons (or 12 to 90 ppm) of water.

CONTINUOUS FEED METHOD - INITIAL DOSE: When a system is noticeably fouled add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system.

SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) of water in the system.

FOR CONTROL OF ALGAE

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled add 0.1 to 1.0 pounds (12 to 120 ppm) of water in the system.

SUBSEQUENT DOSE: When algae control is evident add 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) of water in the system.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system.

SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) of water in the system.

ONE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

When used as directed, NALCO 7346 TAB effectively controls algae, bacterial, fungal and biofilms in open cycle systems, such as the fan pump or wire pit. Standard dissolution feeders can be used for NALCO 7346 TAB applications.

PAPER AND PAPERBOARD PROCESS WATER

NALCO 7346 TAB is a patented biocidal formulation for application in the paper industry. NALCO 7346 TAB prevents bacterial biofilm formation and deposition through the rapid delivery of an ideal balance of active ingredients.

APPLICATION

NALCO 7346 TAB should be added to process water streams at or immediately prior to a point of sufficient mixing such as the fan pump or wire pit. Standard dissolution feeders can be used for NALCO 7346 TAB applications.

Make-up, machine white waters and returning clarified dilution waters are examples of acceptable treatment waters. NALCO 7346 TAB can be added to process water streams in continuous or non-continuous manner, and non-continuous or continuous systems of paper and board making.

NOTE: NALCO 7346 TAB is not intended to be used as an alternative substitute for detergent or process water treatment feeds in paper and board making processes.

REBEVERAGE COOLING SYSTEMS

NALCO 7346 TAB controls the growth of odor causing bacteria, fungal and algal slime and pectivorous bacteria of concern to food and beverage industries. NALCO 7346 TAB is used for cooling systems where water may be used for cooling.

APPLICATION

NALCO 7346 TAB is fed continuously or on an intermittent basis depending on the degree of fouling. For maximum effectiveness, feeding rates range should be increased prior to using NALCO 7346 TAB.

Initial Doce: PHTI-QUENT feeds having viable algae growth require an initial dose of 0.1 to 1.0 lbs per 1,000 gallons of water (12 to 120 ppm active).

Repeat the initial dose until control is achieved.

SUBSEQUENT DOSE: Once control is achieved, add 0.1 to 0.75 lbs per 1,000 gallons of water daily or as needed to maintain control.

DECORATIVE FOUNTAINS

When used as directed, NALCO 7346 TAB controls bacterial biofilm growth in fountain systems, decorative fountains, and microbially biofilm, bacterial biofilm in decorative fountains. NALCO 746 TAB may be fed continuously or on an intermittent basis depending on the degree of fouling. For maximum effectiveness, feeding rates should be increased prior to using NALCO 7346 TAB.

Initial Doce: Fountain systems having viable algae growth require an initial dose of 0.1 to 1.0 lbs per 1,000 gallons of water (12 to 120 ppm active).

Repeat the initial dose until control is achieved.

SUBSEQUENT DOSE: Once control is achieved, add 0.1 to 0.75 lbs per 1,000 gallons of water daily or as needed to maintain control.
**PRELIMINARY STATEMENT**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

HIGHLY CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not take into eyes or mouth. Protect breathing organs using a respirator certified by NIOSH for airtight particulate filter. Do not get into eyes, skin or clothing. Wear protective clothing, chemical resistant gloves and protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, or ocean waters or other bodies of water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems with the permission of the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS**

CHEMICAL HAZARD: A material which burns with water. Use dry-chemistry extinguishing agents. Do not add this product to any dispersing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion. In case of contamination or decomposition, do not recistinal container. If possible, store container in open air or well-ventilated area. Flood with large volumes of water, if necessary.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Refillable container. Refill this container with 7346 TAB only. Do not reuse this container for any other purpose. Before cleaning refilling is the responsibility of the refillers.

**STORAGE:** Keep containers tightly closed. Store in a cool, dry, well-ventilated place. Do not store in direct sunlight. Do not store at temperatures above 100°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or empty containers may cause danger to public health and the environment. Disposal methods not recommended according to the label instructions contact your State pesticide or environmental control agent or the hazardous waste representative at the nearest EPA regional environmental office for guidance.

**FINAL CONTAINER DISPOSAL:** Cleaning the container before final disposal is the responsibility of the refiller. (Metal or plastic containers): Attach tamper evident devices (seals) to all openings, except vents, and return to Nalco Company for reconditioning.

**FIRST AID**

Call a Poison Control Center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

IF SWALLOWED: A poisons control doctor or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 and an ambulance immediately or artificial respiration, preferably by mouth-to-mouth, if possible. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

**DOSAGE RATES:**

**INITIAL DOSE:** When system is noticeably fouled, add 0.2 to 0.6 pounds per 1000 gallons of water (or 12 to 120 ppm) per 1000 gallons (or 12 to 120 ppm) of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When algae control is evident add 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) of water in the system.

**CONTINUOUS FEED METHOD – INITIAL DOSE:** When a system is noticeably fouled, add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system every 3 days or as needed to maintain control.

**CONTINUOUS FEED METHOD – SUBSEQUENT DOSE:** When system is noticeably fouled, add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system.

**SUBSEQUENT DOSE:** Continuously喂 to maintain dosage of 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) of water in the system.

**FOR CONTROL OF ALGAE**

**INTERRUPTED OR SLUG METHOD:** When algae control is evident, add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system. Repeat until control is achieved.

**CONTINUOUS FEED METHOD – INITIAL DOSE:** When system is noticeably fouled, add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system.

**CONTINUOUS FEED METHOD – SUBSEQUENT DOSE:** When system is noticeably fouled, add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system. Repeat until control is achieved.

**APPLICABLE FOR ALCOHOL**

**ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS**

When used as directed, NALCO 7346 TAB effectively controls algal, bacterial, fungal and microbial growth in on- or closed-cycle, fresh or salt water systems. It is effective in seawater applications. NALCO 7346 TAB is a biocidal solution. The system may be treated with NALCO 7346 TAB, the system is treated or other critical areas, where mixing is uniform. PREGNANCY CATEGORY: NALCO 7346 TAB should be stored at 15-25°C. NALCO 7346 TAB is a biocidal solution. NALCO 7346 TAB should not be mixed with or used with other products. NALCO 7346 TAB can be used in the manufacture of both food and non-food contact paper and paperboard.

Nalco Company should be added to process water streams at or immediately prior to a point of sufficient mixing. A number of systems exist where NALCO 7346 TAB should be added to process water streams at or immediately prior to a point of sufficient mixing. A number of systems exist where NALCO 7346 TAB should be added to process water streams at or immediately prior to a point of sufficient mixing. NALCO 7346 TAB should be added to process water streams at or immediately prior to a point of sufficient mixing. NALCO 7346 TAB can be used as a biocidal solution in the manufacture of both food and non-food contact paper and paperboard. NALCO 7346 TAB should be added to process water streams at or immediately prior to a point of sufficient mixing. NALCO 7346 TAB should be added to process water streams at or immediately prior to a point of sufficient mixing. NALCO 7346 TAB can be used as a biocidal solution in the manufacture of both food and non-food contact paper and paperboard.