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, streams, ponds, estuaries, oceans or other waters 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 without previously 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: STRONG OXIDIZING AGENT. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing 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 reseal container. If possible, isolate 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.

PESTICIDE STORAGE: Keep container tightly closed. Store in a cool, dry, well-ventilated place. Do not store at elevated temperatures. 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 rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to 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). Then offer for recycling or reconditioning, or puncture and dispose of 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, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.
(Metal containers only:) DO NOT cut or weld metal containers.

FOR INDUSTRIAL USE

Technical advice regarding specific on site problems are available from Nalco Company. A Material Safety Data 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 inconsistent with its labeling.

AIRWASHERS

For use only in industrial airwasher systems that maintain effective mist eliminating 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) per 1000 gallons of water in the system, depending upon the severity of the contamination.
Control the application by measuring the free chlorine residual in the treated water. There is no need to exceed 1.0 ppm as free chlorine.
Badly fouled systems must be cleaned before treatment is begun.
INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When system is noticeably fouled add to airwasher sump or chill water sump to ensure uniform mixing. Add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water.
SUBSEQUENT DOSE: When microbial control is evident add 0.1 to 0.60 pounds per 1000 gallons (or 12 to 72 ppm) of water.
CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled add to airwasher sump or chill water sump to ensure uniform mixing. Add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water.
SUBSEQUENT DOSE: When microbial control is evident add 0.1 to 0.6 pounds per 1000 gallons (or 12 to 72 ppm) of water.

DIRECTIONS FOR USE CONTINUED ON RIGHT PANEL

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2012-2014 LIC. NO.

NR5 05/04/2011

NALCO

NALCO® 7346 TAB

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..... 5.9%
OTHER INGREDIENTS:..... 1.0%
TOTAL..... 100.0%

Total Available Halogen as Bromine: 141%
(and/or)
Total Available Halogen as Chlorine: 62.8%

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 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 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Reg. No. 6836-115-1706

EPA Est. No. 1706-CA-1 (CR); 1706-IL-1 (BP); 1706-LA-1 (GV);
1706-LA-2 (PL); 1706-PA-1 (EL); 1706-WA-1 (VW);
68708-OK-1 (TU); 68708-TX-1 (SL); 68708-TX-3 (DS); 73005-DE-1 (PN)
Possible EPA Establishment numbers may also include the following. (Letters in () that match the prefix in batch number identify the establishment number.)

See Left Panel for Precautionary Statements

SOLD BY:

Nalco Company
1601 West Diehl Road
Naperville, IL 60563-1198
EMERGENCY PHONE NO. (800) 424-9300

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2015-2017 LIC. NO.
9323.97

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

UN 3085, OXIDIZING SOLID, CORROSIVE, N.O.S., (BROMOCHLORO-5,5-DIMETHYLHYDANTOIN, 1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN), 5.1 (8), PG II
Marine Pollutant: BROMOCHLORO-5,5-DIMETHYLHYDANTOIN

DIRECTIONS FOR USE (cont'd)

RECIRCULATING COOLING WATER SYSTEMS AND SEWAGE SYSTEMS

NALCO 7346 TAB aids in the control of bacterial, fungal and algal biofilm in evaporative condensers, heat exchange water towers, influent systems such as flow through filters, industrial water scrubbing systems, brewery pasteurizers, [sewage systems (septic tanks, leach fields, tank lines, sewers, lagoons, and sewage effluent water) – **NOT APPROVED FOR CALIFORNIA**], and paper and paperboard process water. This product may be added to the systems either continuously or intermittently or as needed. 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.

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 per 1000 gallons (or 12 to 120 ppm) of the water in the system. Repeat until control is achieved.
SUBSEQUENT DOSE: When microbial control is evident add 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) of water in the system every 3 days or as needed to maintain control.
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 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 pound 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) daily or as needed to maintain control.
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. Repeat until control is achieved.
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.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

When used as directed, NALCO 7346 TAB effectively controls algal, bacterial, fungal biofilm and mollusks in open or closed-cycle, fresh or salt water, once-through cooling systems. Treat cooling water with NALCO 7346 TAB at the system intake or other critical areas, where mixing is uniform.
DOSAGE RATES: INITIAL DOSE: When system is noticeably fouled, add 0.2 to 0.6 pounds per 1000 gallons of water contained in the system. Repeat initial dosage until one to three ppm (mg/L) bromine residual is established for at least 4 hours.
SUBSEQUENT DOSE: When microbial control is evident, add 0.1 to 0.3 pounds per 1000 gallons of water contained in the system. Repeat as needed to maintain one to three ppm bromine residual for at least 4 hours.

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 free and combined halogen. When used properly, NALCO 7346 TAB can reduce microbiologically induced corrosion, paper spots, holes, breaks, and odors. By limiting microbial growth and bacterial biofilm formation, NALCO 7346 TAB increases machine runnability reducing unscheduled maintenance and lost production.
The patented NALCO 7346 TAB composition provides high solubility, fast dissolution and high halogen content without added binders or inert materials for maximum efficiency and product delivery.
NALCO 7346 TAB can be used in the manufacture of both food and non-food contact paper and paperboard.

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.
INITIAL DOSE: When the system is noticeably fouled apply 0.5 – 2.0 pounds of NALCO 7346 TAB per ton of paper produced to achieve 0.1-1.0 ppm total available halogen as chlorine. Repeat treatment until residual is achieved.
SUBSEQUENT DOSE: When microbial control is evident, apply 0.5 – 2.0 pounds of NALCO 7346 TAB per ton of paper produced to achieve 0.1-1.0 ppm total available halogen as chlorine. Repeat periodically as needed to maintain control.

BEVERAGE CAN RINSING OPERATIONS

NALCO 7346 TAB controls the growth of odor causing bacteria, of fungal and algal slime and spoilage bacteria of economic significance in water used for beverage can rinse operations. After rinsing, the cans are dried thoroughly at approximately 350°F and then coated with an impervious lacquer finish. This product may be added to the rinse water either continuously or intermittently or as needed. 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. Apply NALCO 7346 TAB to the rinse water at a concentration ranging from 12 – 100 ppm.

DECORATIVE FOUNTAINS

When used as directed, NALCO 7346 TAB controls algae and algal biofilm, microbial biofilm, bacterial biofilm in decorative fountains. NALCO 7346 TAB may be fed continuously or on an intermittent basis depending on the degree of fouling. For maximum effectiveness, fountains containing heavy algae growth should be cleaned prior to using NALCO 7346 TAB.
INITIAL DOSE: Fountains having visible 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, by feeding continuously or on an intermittent basis.