PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin. May cause irritation to the eyes and skin. Do not get on eyes, on skin, or on clothing. Use with adequate ventilation. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or handling the hair.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, reservoirs, oceans, or other waters unless in accordance with the requirements of a NationalPollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing. Do not alter or adjust the discharge.Do not discharge effluent containing this product to sewage 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
Direct mixing of this product with sodium hypochlorite solutions and other strong oxidizing and alkali chemicals will release hazardous gases. Only mix with other chemicals or materials solutions following the Directions for Use of this product.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Keep container tightly closed. Store in a dry place. Leaking or damaged containers should be placed in an overpack container for disposal. Spills should be contained and cleaned using an absorbent material and disposed of in a sanitary landfill.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container properly after emptying. Triple rinse as follows: three emptying contents into an appropriate application equipment or a mix tank. Fill the container 1/2 full with water. Replace and tighten closures. Tip container end over end and roll container for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinse into application equipment or a mix tank or store rinse for later use or disposal. Repeat this procedure two more times. Then offer for recycling. If available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For the control of algae, algae and fungal, Nalco 60620 must be used in conjunction with: 1) an EPA registered sodium hypochlorite product (12.5%) to produce chloramine; and 2) the OxyPRO delivery system at a pH of 7.2 as described above, The OxyPRO delivery system can be configured for a primary or secondary disinfectant strategy. Your Valu® technical representative will determine which OxyPRO delivery system configuration is appropriate for treatment of your system.

Nalco Company 60620 and the sodium hypochlorite are mixed in a specially designed OxyPRO system that produces the chloramine solution on site. The products are blended to achieve a minimum molar ratio of 1.0 to 1.0 Nalco 60620 to sodium hypochlorite (12.5%). The chloramine is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (13.5%). The OxyPRO delivery system controller ensures the automatic production of the desired chloramine solution, controls the optimization of the production process, and ensures adequate dosing into the water system requiring treatment. The design, treatment, installation, calibration, and operation of the feeding system in all plants is is be conducted only by authorized and trained personnel.

Use of this product for any other purpose or contrary to the instructions below, or without the supervision of authorized trained personnel is prohibited.

Note: Do not use other feeding methods to mix Nalco 60620 and the sodium hypochlorite. Non-authorized personnel are prohibited from operating or otherwise handling the feeding system or its chemical ingredients.

DIRECTIONS FOR USE (cont’d)

PULP AND PAPERMILL WATER SYSTEMS AND PRODUCTION OF FIBERGLASS

Description: This is a chlorine dioxide product, typically used in the pulp and paper industry to achieve a chloramine residual in the system oxygen demand. The chloramine solution produced by the delivery system is immediately added to the process waters for which treatment is required. The chloramine solution may be added to any point of uniform mixing. Addition may be continuous or intermittent depending on the severity of the contamination when treatment starts, and on other system operation parameters.

A. SLUDGE FEED METHOD

Initial Dosage: When the system is immediately treated, add the appropriate amount of chloramine to the system to obtain from 1 to 10 ppm total available chlorine. The chloramine dosage is achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%) until control is achieved. Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dosage: When microbial control is effective, add the appropriate amount of chloramine to the system daily, or as needed to maintain control and keep the total chloramine residual at 1 to 10 ppm.

B. INTERMITTENT FEED METHOD

Initial Dosage: When the system is slowly treated, add the appropriate amount of chloramine to the system to obtain from 1 to 10 ppm total available chlorine. The chloramine dosage is achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dosage: When microbial control is evident, add the appropriate amount of chloramine to the system to maintain 1 to 10 ppm total chlorine residual.

C. CONTINUOUS FEED METHOD

Initial Dosage: When the system is continuously treated, add the appropriate amount of chloramine to the system to obtain 1 to 10 ppm total available chlorine. The chloramine dosage is achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dosage: Maintain this treatment level by starting a continuous feed of chloramine to maintain a 1 to 10 ppm total chlorine residual.

INDUSTRIAL WATER SYSTEMS

Nalco 60620 is used for the control of algae, bacterial and fungal deposits in industrial cooling towers, recirculating cooling water systems, evaporative condensers, influent water systems, industrial fresh water systems, boiler feed water systems, and reverse osmosis systems, paint spray booth sanitizing, pond wash for cooling purposes, sewage and wastewater systems. This product is also used for the control of algae, bacteria, fungi and mold in both reseach and freshwater influent systems. When this product is used to treat sewage and wastewater systems, sewerage, and freshwater influent systems for anaerobic/anaerobic wastewater systems, and sewerage distribution and reverse osmosis systems, and the treatment of chloramine solution in the effluent stream, can be neutralized using an oxidizing treatment.

When this product is used to treat recirculating cooling water systems, evaporative condensers, influent water systems, industrial water systems, paint spray booth sanitizing, pond wash for cooling purposes, effluent detention of chloramine should be conducted at least once per week. When chlorine is detected in the effluent, it can be neutralized by the addition of sodium metal/chlorite to the effluent is no longer detected.

Dosage Rates: When noticably effective, add sufficient product and sodium hypochlorite to achieve a total chlorine residual of at least 1 ppm in excess of system demand. Once control is achieved, treatment rate is reduced to a level of 5% to 10% of system demand. The product may be added to the system continually or intermittently as needed to any area of the system where uniform mixing can be obtained.

For intermittent treatment: The chloramine dosage is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Apply the solution at a rate to obtain 1 to 10 ppm excess of the system oxygen demand (maximum of 5 ppm measured) as total chlorine in the water being treated for 5 to 60 minutes every 1 to 6 hours. The frequency of feeding and the duration of treatment will depend on the severity of the problem. Badly fouled systems must be cleaned before initial treatment.

For continuous treatment: The chloramine dosage is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Apply the solution at a rate to obtain 1 to 10 ppm excess of the system oxygen demand (maximum of 5 ppm measured) as total chlorine in the water being treated on a continuous basis. The frequency of feeding and the duration of treatment will depend on the severity of the problem. Badly fouled systems must be cleaned before initial treatment.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NALCO® 60620
A MICROORGANISM CONTROL CHEMICAL
ACTIVE INGREDIENT: Ammonium Sulfate ........................................... 70.0% INERT INGREDIENTS: .............................................................. 30.0% TOTAL: .................................................................................. 100.0%

EPA Reg No. 1706-240
EPA Est. No. 1706-IL-1 (BP) EPA Est. No. 1706-WA-1 (VW)

Letter in the first letter in each number identifies the establishment number.

KEEP OUT OF REACH OF CHILDREN

FIRST AID

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 sold by a poison control center or doctor. Do not give anything to an unconscious person.

If ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or a doctor for further advice.

If IN EYES: Hold eyes open and rinse slowly with gently water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or a doctor for further advice.

If INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or a doctor for treatment advice.

If EXPOSED: More person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or a doctor for treatment advice.

NOTE: Have the product container or label with you when calling a poison control center or a doctor, or going for treatment.

PRODUCT IS NOT REGULATED DURING TRANSPORTATION

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

Revised 08/29/2014
PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin, clothing, or clothing. Use with adequate ventilation. Wear protective equipment (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical-resistant) when handling. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

ENVIROMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, rivers, ponds, marshes, streams, or other water bodies 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 sewage 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

Direct mix of this product with sodium hypochlorite solutions and other strong oxidizing and alkali chemicals will release hazardous gases. Only mix with other chemicals or materials solutions following the Directions for Use of this product.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Keep container tightly closed. Store in a dry place. Leaking or damaged containers should be placed in an overpack container for disposal. Syrups should be contained and cleaned using an absorbent material and disposed of in a sanitary landfill.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Reutilizable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Closing the container before final disposal is the responsibility of the person disposing of the container. Closing before refilling is the responsibility of the refiller. To close the container, remove the protective hood (if present) and the screw cap from the application equipment or.mix tank. Fill the container about 10 percent full with water. Agitate vigorously or mix container with the pump for 2 minutes. Pour or pump rinse into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then, offer for recycling, if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

A violation of Federal Law to use this product in a manner inconsistent with its labeling.

For the control of bacteria, algae, fungi. Nalco 60620 must be used in conjunction with: 1) an EPA registered sodium hypochlorite product (12.5%) to produce chloramine; and 2) the OniPRO delivery system at a rate of 0.3 to 0.5 lbs. The OniPRO delivery system can be configured for a primary or secondary dilution strategy. Your Nalco technical representative will determine which OniPRO delivery system configuration is appropriate for treatment of your system.

Nalco 60620 and the sodium hypochlorite are mixed in a specially designed OniPRO system that produces the chloramine solution on site. The products are blended to achieve a minimum molar ratio of 1.0 to 1.5 to 1.0 Nalco 60620 to sodium hypochlorite (12.5%). The mixture is typically achieved by mixing 3.5 gallons of Nalco 60620 with 1 gallon of sodium hypochlorite (12.5%). The OniPRO delivery system controller ensures the automatic production of the desired chloramine solution, controls the optimization of the production process, and ensures adequate dosing into the water system requiring treatment. The design, installation, calibration, and operation of the feeding system in all plants is to be conducted only by authorized and trained personnel.

Use of this product for any other purpose or contrary to the instructions below, or without the supervision of authorized personnel is prohibited.

Note: Do not use other feeding modes in mix Nalco 60620 and the sodium hypochlorite. Non-authorized personnel are prohibited from operating or otherwise handling the feeding system or its chemical ingredients.

DIRECTIONS FOR USE (cont’d)

PULP AND PAPER MILL WATER SYSTEMS AND PRODUCTION OF FIBERGLASS

Design Rates: When the system is not continuously treated, apply sufficient Nalco 60620 and sodium hypochlorite to achieve a chlorine residual in excess of the system oxidant demand. The chlorination solution produced by the delivery system is immediately added to the process waters for which treatment is required. The chlorination solution may be added to any point of uniform mixing. Addition may be continuous or intermittent depending on the severity of the contamination when treatment starts, and on other system operation parameters.

A. SLUG FEED METHOD

Initial Dose: When the system is noticeably fouled, add the appropriate amount of chloramine to the system to obtain 1 to 10 ppm total available chlorine. The chloramine dosage is achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Repeat until color is achieved. Buddy flowed systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add the appropriate amount of chloramine to the system daily, or as needed to maintain control and keep the total chlorine residual at 1 to 10 ppm.

B. INTERMITTENT FEED METHOD

Initial Dose: When the system is noticeably fouled, add the appropriate amount of chloramine to the system to obtain 1 to 10 ppm total available chlorine. The chloramine dosage is achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Buddy flowed systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add the appropriate amount of chloramine to the system to obtain 1 to 10 ppm total chlorine residual.

C. CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add the appropriate amount of chloramine to the system to obtain 1 to 10 ppm total available chlorine. The chloramine dosage is achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Buddy flowed systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add the appropriate amount of chloramine to the system to obtain 1 to 10 ppm total chlorine residual.

INDUSTRIAL WATER SYSTEMS: Nalco 60620 is used for the control of algae, bacterial and fungal deposits in industrial cooling towers, recirculating cooling water systems, evaporative condensers, influent water systems, industrial fresh water systems, hot water systems, industrial water systems, and reverse osmosis systems. paint spray boothumps, sprays used for cleaning purposes, sewage and wastewater systems. This product is also used for the control of algae, bacteria, fungi and malolactic in both seawater and freshwater influent systems.

When this product is used to treat seawage and wastewater systems, seawater, and freshwater influent systems for once-through industrial water systems, and seawater desalination and reverse osmosis systems, the system water is not used to a POU/POD residual levels of chloramine in the effluent may be monitored and neutralized using on-line monitoring and control equipment.

When this product is used to treat recirculating cooling water systems, evaporative condensers, influent water systems (not part of once-through industrial water systems), seawaters, paint spray boothumps, sprays used for cleaning purposes, effluent discharge of chloramine should be conducted at least once per shift. If chloramine is detected in the effluents, it can be neutralized by the addition of sodium bisulfite until the chloramine no longer detected.

Dosage Rates: When noticed, add sufficient product and sodium hypochlorite to achieve a chlorine residual of at least 1 ppm in excess of the system oxidant demand. Once control is achieved, treatment rates can be reduced to sub-detected rates from 50% to 85% of system demand. The product may be added to the system continuously or intermittently as needed to any area of the system where uniform mixing can be obtained.

For intermittent treatment the chlorination dosage is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Apply the solution at a rate to obtain 1 to 10 ppm in excess of the system oxidant demand (maximum of 5 ppm measured) as total chlorine in the water being treated for 5 to 6 hours every 7 to 8 hours. The frequency of feeding and the duration of treatment will depend on the severity of the problem. Buddy flowed systems must be cleaned before initial treatment.

For continuous treatment the chlorine dosage is typically achieved by mixing 1.5 gallons of Nalco 60620 with 1.0 gallon of sodium hypochlorite (12.5%). Apply the solution at a rate to obtain 0.5 to 1 ppm in excess of the system oxidant demand (maximum of 5 ppm measured) as total chlorine in the water being treated on a continuous basis. The frequency of feeding and the duration of treatment will depend on the severity of the problem. Buddy flowed systems must be cleaned before initial treatment.

PRODUCT IS NOT REGULATED DURING TRANSPORTATION

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Nalco Company
1601 West Diehl Road
Naperville, IL 60563-1199
EMERGENCY PHONE NO. (800) 424-9300

GELLO® 60620
A MICROORGANISM CONTROL CHEMICAL

ACTIVE INGREDIENT:
Ammonium Sulfate................. 20.0%
INGREDIENTS:...................... 80.0%
TOTAL:........................... 100.0%

EPA Reg. No. 1706-240
Letter in ( ) that matches first letter in back-number identifies the establishment number.

KEEP OUT OF REACH OF CHILDREN

FIRST AID

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 by a poison control center or doctor. Do not give anything to an unconscious person.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or a doctor for treatment advice.

IF IN EYES: Hold eyes 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. Call a poison control center or a doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or a doctor for treatment advice.

NOTE: Have the product container or label with you when calling a poison control center or a doctor, or going for treatment.

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

REVISED 12/29/2014

PRODUCT IS NOT REGULATED DURING TRANSPORTATION