PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or clothing. May be fatal if swallowed or inhaled. Do not breathe vapor or spray mist. Wear a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. Consult the MSDS for information about respirators and cartridges that have been tested and shown to be effective in removing hydrogen peroxide and peracetic acid from air. Wear chemical goggles, rubber gloves, and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. Corrosive. Do not use in concentrated form. Mix only with water according to label instructions. Contact of concentrate with other sanitizers, cleaners or other material may cause fire.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, invertebrates, shrimp, clams and oysters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries or public 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 plant authority. For additional information, refer to the product Material Safety Data Sheet.

SOLD BY:

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

EPA Reg. No. 68660-1-1706
EPA Est. No. 68708-OK-001
EPA Est. No. 60156-IL-001

FIRST AID STATEMENTS

IF IN EYES:
• Hold eyelids open and rinse slowly and gently for 15 - 20 minutes.
• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

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.
• Call a poison control center or doctor for further treatment advice.

IF ON SKIN:
• Take off contaminated clothing.
• Rinse 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.
• Have a person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

CALL A POISON CONTROL CENTER OF PHYSICIAN IMMEDIATELY FOR EMERGENCY MEDICAL INFORMATION.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ACTIVE INGREDIENT:
Hydrogen Peroxide.................................................................18.5%
Peroxyacetic Acid...............................................................12.0%
INERT INGREDIENTS:…………………………………………... 69.5%
Total ..................................................................................100.0%

DANGER

STRONG OXIDIZING AGENT

KEEP OUT OF REACH OF CHILDREN

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

STORAGE

Store in original vented container in a dry location away from heat and out of direct sunlight. In case of fire involving product, use water. In case of large quantities of spilled material, dike with sand or earth. Dilute with large quantities of water.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate, is a violation of Federal Law. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries or public waters unless the components of this product are specifically identified in a NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage plant authority. For additional information, refer to the product Material Safety Data Sheet.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Weight Per gallon: 9.2 lb.

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

NR5 Revised: 06-04-2012

UN 3109, ORGANIC PEROXIDE TYPE F, LIQUID, (Peroxyacetic Acid), 5.2, (8), II
[RQ = acetic acid, RQ quantity >= 25,000 lbs]
DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH IN PULP AND PAPER MILL SYSTEMS FOR FOOD AND NON-FOOD CONTACT PAPER

60510 provides an effective means to treat various process waters for slime control. Dosage rates should be increased or decreased depending on control achieved. Maximum usage rate must not exceed 2 lbs 60510 solution per ton (2000 lbs., dry basis) of pulp or paper produced.

TREATMENT OF PAPER MACHINE WHITE WATER - 60510 may be applied within the white water short circulation loop on the paper machine. Apply with either shock, intermittent or continuous dosing. Shock doses may be applied for 10 to 60 minutes as necessary. Whereas intermittent doses are applied 1 to 12 times per day, for a duration of 5 to 60 minutes each. For either shock or intermittent dosing, apply 0.02 to 0.8 gallons 60510 per 1000 gallons of white water, producing a peak concentration of 20 to 800 ppm 60510 during dosing. This is approximately equivalent to a peak dose of 2 to 100 ppm 100% peracetic acid. For continuous dosing, apply 0.02 to 0.2 gallons 60510 per 1000 gallons of process water, producing a peak concentration of 20 to 200 ppm of 60510. This is approximately equivalent to 2 to 25 ppm 100% peracetic acid.

CATAKASE CONTROL IN DEINKING WATER LOOPS - 60510 may be applied to the inlet lines going to deinking water storage following clarification. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 10 to 60 minutes as necessary. Apply 1.7 to 4.2 gallons 60510 per 1000 gallons recirculation water, producing a peak concentration of 1700 to 4200 ppm 60510 during dosing. This is approximately equivalent to a peak dose of 100 to 250 ppm 100% peracetic acid. For continuous dosing, apply 0.8 to 2.1 gallons 60510 per 1000 gallons of water, producing a peak concentration of 800 to 2100 ppm of 60510 during dosing. This is approximately equivalent to a peak dose of 20 to 500 ppm 100% peracetic acid.

TREATMENT OF RAW AND PROCESS WATER - 60510 may be applied to water at the inlet of the process water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for a duration of 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 1 to 12 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons 60510 per 1000 gallons of water producing a peak concentration of 60510 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons 60510 to 1000 gallons of water, producing a peak concentration of 10 to 300 ppm 60510. This is approximately equivalent to 1 to 36 ppm 100% peracetic acid.

SOLD BY:

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

EPA Reg. No. 68660-1-1706 EPA Est. No. 68708-OK-001 EPA Est. No. 60156-IL-001

60510

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH FOR NON-FOOD CONTACT PAPER USES

TREATMENT OF STARCH USED FOR SIZING ON THE PAPER MACHINE – Apply 60510 directly to the starch storage tank or through the recirculation loop. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 1 to 2 hours, whereas intermittent doses may be applied for 5 to 60 minutes up to 12 times per day. For either shock or intermittent dosing, apply 0.8 to 5 gallons 60510 per 1000 gallons of starch solution to achieve 100 to 600 ppm 100% peracetic acid. For continuous dosing applications, apply 0.08 to 1.7 gallons 60510 per 1000 gallons starch solution, producing a peak concentration of approximately 10 to 200 ppm 100% peracetic acid.

TREATMENT OF CLAYS USED AS COATINGS AND FILLERS ON THE PAPER MACHINE – Applications may be made at the recirculation loop or directly to the agitated slurry storage tank. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses may be applied for 5 to 60 minutes, 1 to 12 times per day. For either shock or intermittent dosing, apply 0.4 to 0.8 gallons 60510 to 1000 gallons clay slurry solution producing a peak concentration of approximately 50 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.04 to 0.8 gallons 60510 to 1000 gallons of process water, producing a peak concentration of 5 to 100 ppm 100% peracetic acid.

COATINGS PRESERVATION - 60510 can be used as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings. Add 0.1 to 0.7 gallons of 60510 solution to 1,000 gallons of water. This will provide 100 to 700 ppm of 60510, or 12 to 85 ppm 100% peracetic acid.

TREATMENT OF DISPERSED PIGMENTS - 60510 can be used in the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper production. Add 0.12 to 0.6 lb. of 60510 to each 1,000 lbs. of fluid. This will provide 120 to 600 ppm of 60510, or 15 to 70 ppm 100% peracetic acid.

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH IN INDOOR CLOSED LOOP, NON-POSSIBLE, NON-FOOD CONTACT WATER SYSTEMS

TREATMENT OF RAW AND PROCESS WATER (such as heat exchanger system water, boiler water, wet scrubber water, etc.) - 60510 may be applied to water at the inlet of the water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for a duration of 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 1 to 12 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons 60510 per 1000 gallons of water producing a peak concentration of 60510 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons 60510 to 1000 gallons of water, producing a peak concentration of 10 to 300 ppm 60510. This is approximately equivalent to 1 to 35 ppm 100% peracetic acid.

TREATMENT OF COOLING WATER SYSTEMS (such as cooling towers, evaporative condensers, etc.) – Severely fouled systems should be cleaned before treatment. 60510 should be added to the system directly and not mixed with any other chemicals or additives. Contamination with other chemicals could result in a lack of efficacy. Add 60510 at a point in the system where uniform mixing and even distribution will occur. Shock doses may be applied for 1 to 2 hours as necessary, whereas intermittent doses are applied 1 to 12 times per day. For either shock, intermittent or continuous dosing, apply 0.01 to 0.07 gallons 60510 solution per 1000 gallons of water. This will provide 10 to 70 ppm of 60510, or 1 to 9 ppm 100% peracetic acid. Repeat treatment as required to maintain control.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: CORROSIVE. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or clothing. May be fatal if swallowed or inhaled. Do not breathe vapor or spray mist. Wear a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter. Consult the MSDS for information about respirators and cartridges that have been tested and shown to be effective in removing hydrogen peroxide and peracetic acid from air. Wear chemical goggles, rubber gloves, and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

PHYSICAL AND CHEMICAL HAZARDS
Strong oxidizing agent. Corrosive. Do not use in concentrated form. Mix only with water according to label instructions. Contact of concentrate with other sanitizers, cleaners or other material may cause fire.

ENVIRONMENTAL HAZARDS
This product is toxic to fish, invertebrates, shrimp, clams and oysters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries or public 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 sewage systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. In developing the NPDES permit, restrictions on the release of waters containing this product during low-flow periods should be considered.

STORAGE AND DISPOSAL
DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

STORAGE
Store in original vented container in a dry location away from heat and out of direct sunlight. In case of fire involving product, use water. In case of large quantities of spilled material, dike with sand or earth. Dilute with large quantities of water.

PESTICIDE DISPOSAL
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate, is a violation of Federal Law. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries or public waters unless the components of this product are specifically identified in a NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage plant authority. For additional information, refer to the product Material Safety Data Sheet.

CONTAINER DISPOSAL
Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, 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 rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SOLD BY:
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1601 West Diehl Road
Naperville, IL 60563-1198
EMERGENCY PHONE NO. (800) 424-9300
EPA Reg. No. 68660-1-1706
EPA Est. No. 68708-OK-001
EPA Est. No. 60156-IL-001

FIRST AID STATEMENTS
IF IN EYES:
• Hold eyelids open and rinse slowly and gently for 15 - 20 minutes.
• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.
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.
• Call a poison control center or doctor for further treatment advice.
IF ON SKIN:
• Take off contaminated clothing.
• Rinse 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.
• Have a person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY FOR EMERGENCY MEDICAL INFORMATION.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

INERT INGREDIENTS: Acetic Acid ............................................................... 69.5%

ACTIVE INGREDIENT:
Hydrogen Peroxide ................................................................. 18.5%
Peroxyacetic Acid ................................................................. 12.0%
TOTAL ......................................................................................... 100.0%

DANGER
STRONG OXIDIZING AGENT
KEEP OUT OF REACH OF CHILDREN

Weight Per gallon: 9.2 lb.

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

Revised: 06-04-2012

UN 3109, ORGANIC PEROXIDE TYPE F, LIQUID, (Peroxyacetic Acid), 5.2, (8), II [RQ = acetic acid, RQ quantity >= 25,000 lbs]
DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH IN PULP AND PAPER MILL SYSTEMS FOR FOOD AND NON-FOOD CONTACT PAPER

60510 provides an effective means to treat various process waters for slime control. Dosage rates should be increased or decreased depending on control achieved. Maximum usage rate must not exceed 2 lbs 60510 solution per ton (2000 lbs., dry basis) of pulp or paper produced.

TREATMENT OF PAPER MACHINE WHITE WATER - 60510 may be applied within the white water short circulation loop on the paper machine. Apply with either shock, intermittent or continuous dosing. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses are applied 1 to 12 times per day, for a duration of 5 to 60 minutes each. For either shock or intermittent dosing, apply 0.02 to 0.8 gallons 60510 per 1000 gallons of white water, producing a peak concentration of 20 to 800 ppm 60510 during dosing. This is approximately equivalent to a peak dose of 2 to 100 ppm 100% peracetic acid. For continuous dosing, apply 0.02 to 0.2 gallons 60510 per 1000 gallons of process water, producing a peak concentration of 20 to 200 ppm of 60510. This is approximately equivalent to 2 to 25 ppm 100% peracetic acid.

CATAKASE CONTROL IN DEINKING WATER LOOPS - 60510 may be applied to the inlet lines going to deinking water storage following clarification. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 10 to 60 minutes as necessary. Apply 1.7 to 4.2 gallons 60510 per 1000 gallons recirculation water, producing a peak concentration of 1700 to 4200 ppm 60510 during dosing. This is approximately equivalent to a peak dose of 100 to 250 ppm 100% peracetic acid. For continuous dosing, apply 0.2 to 1.4 gallons 60510 to 1000 gallons of process water, producing a peak concentration of 200 to 1400 ppm of 60510. This is approximately equivalent to 25 to 170 ppm 100% peracetic acid.

TREATMENT OF RAW AND PROCESS WATER - 60510 may be applied to water at the inlet of the process water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for a duration of 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 2 to 15 minutes, 4 to 100 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons 60510 per 1000 gallons of water producing a peak concentration of 60510 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons 60510 per 1000 gallons of water, producing a peak concentration of 10 to 300 ppm 60510. This is approximately equivalent to 1 to 36 ppm 100% peracetic acid.

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH FOR NON-FOOD CONTACT PAPER USES

TREATMENT OF STARCH USED FOR SIZING ON THE PAPER MACHINE – Apply 60510 directly to the starch storage tank or through the recirculation loop. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 1 to 2 hours, whereas intermittent doses may be applied for 5 to 60 minutes up to 12 times per day. For either shock or intermittent dosing, apply 0.8 to 5 gallons 60510 per 1000 gallons of starch solution to achieve 100 to 600 ppm 100% peracetic acid. For continuous dosing applications, apply 0.08 to 1.7 gallons 60510 per 1000 gallons starch solution, producing a peak concentration of approximately 10 to 200 ppm 100% peracetic acid.

TREATMENT OF CLAYS USED AS COATINGS AND FILLERS ON THE PAPER MACHINE – Applications may be made at the recirculation loop or directly to the agitated slurry storage tank. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses may be applied for 5 to 60 minutes, 1 to 12 times per day. For either shock or intermittent dosing, apply 0.4 to 0.8 gallons 60510 to 1000 gallons clay slurry solution producing a peak concentration of approximately 50 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.04 to 0.8 gallons 60510 to 1000 gallons of process water, producing a peak concentration of 5 to 100 ppm 100% peracetic acid.

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH IN INDOOR CLOSED LOOP, NON-POTABLE, NON-FOOD CONTACT WATER SYSTEMS

TREATMENT OF RAW AND PROCESS WATER (such as heat exchanger system water, boiler water, wet scrubber water, etc.) - 60510 may be applied to water at the inlet of the water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 2 to 15 minutes, 4 to 100 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons 60510 per 1000 gallons of water producing a peak concentration of 60510 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons 60510 to 1000 gallons of water, producing a peak concentration of 10 to 300 ppm 60510. This is approximately equivalent to 1 to 35 ppm 100% peracetic acid.

TREATMENT OF COOLING WATER SYSTEMS (such as cooling towers, evaporative condensers, etc.) – Severely fouled systems should be cleaned before treatment. 60510 should be added to the system directly and not mixed with any other chemicals or additives. Contamination with other chemicals could result in lack of efficacy. Add 60510 at a point in the system where uniform mixing and even distribution will occur such as the cooling tower basin sump. Shock doses may be applied for 1 to 2 hours as necessary, whereas intermittent doses are applied for 5 to 60 minutes, 1 to 100 times per day. For either shock, intermittent or continuous dosing, apply 0.01 to 0.07 gallons 60510 solution per 1000 gallons of water. This will provide 10 to 70 ppm of 60510, or 1 to 9 ppm 100% peracetic acid. Repeat treatment as required to maintain control.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: CORROSIVE. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or clothing. May be fatal if swallowed or inhaled. Do not breathe vapor or spray mist. Wear a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOHS approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOHS approval prefix TC-14G), or a NIOHS approved respirator with an organic vapor (OV) cartridge or canister with any N, P, or HE prefilter. Consult the MSDS for information about respirators and cartridges that have been tested and shown to be effective in removing hydrogen peroxide and peracetic acid from air. Wear chemical goggles, rubber gloves, and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

PHYSICAL AND CHEMICAL HAZARDS
Strong oxidizing agent. Corrosive. Do not use in concentrated form. Mix only with water according to label instructions. Contact of concentrate with other sanitizers, cleaners or other material may cause fire.

ENVIRONMENTAL HAZARDS
This product is toxic to fish, invertebrates, shrimp, clams and oysters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries or public 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. In developing the NPDES permit, restrictions on the release of waters containing this product during low-flow periods should be considered.

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EMERGENCY PHONE NO. (800) 424-9300

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DANGER: CORROSIVE. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or clothing. May be fatal if swallowed or inhaled. Do not breathe vapor or spray mist. Wear a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOHS approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOHS approval prefix TC-14G), or a NIOHS approved respirator with an organic vapor (OV) cartridge or canister with any N, P, or HE prefilter. Consult the MSDS for information about respirators and cartridges that have been tested and shown to be effective in removing hydrogen peroxide and peracetic acid from air. Wear chemical goggles, rubber gloves, and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

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EPA Reg. No. 68660-1-1706
EPA Est. No. 68708-OK-001
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ACTIVE INGREDIENT:
Hydrogen Peroxide....................................................18.5%
Peracetic Acid...........................................................12.0%
Total ...............................................................................100.0%

DANGER
STRONG OXIDIZING AGENT
KEEP OUT OF REACH OF CHILDREN

FIRST AID STATEMENTS
IF IN EYES:
· Hold eyelids open and rinse slowly and gently for 15 -20 minutes.
· Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.
· Call a poison control center or doctor for treatment advice.
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.
· Call a poison control center or doctor for further treatment advice.
IF ON SKIN:
· Take off contaminated clothing.
· Rinse 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.
· Have a person sip a glass of water if able to swallow.
· Do not induce vomiting unless told to do so by a poison control center or doctor.
· Do not give anything by mouth to an unconscious person.
· CALL A POISON CONTROL CENTER OF PHYSICIAN IMMEDIATELY FOR EMERGENCY MEDICAL INFORMATION.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL
DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

STORAGE
Store in original vented container in a dry location away from heat and out of direct sunlight. In case of fire involving product, use water. In case of large quantities of spilled material, dike with sand or earth. Dilute with large quantities of water.

PESTICIDE DISPOSAL
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate, is a violation of Federal Law. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries or public waters unless the components of this product are specifically identified in a NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage plant authority. For additional information, refer to the product Material Safety Data Sheet.

CONTAINER DISPOSAL
Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Net contents shown elsewhere on container

Weight Per gallon: 9.2 lb.

Revised: 06-04-2012

UN 3109, ORGANIC PEROXIDE TYPE F, LIQUID. (Peracetic Acid), 5.2, (8), II
[RQ = acetic acid, RQ quantity >= 25,000 lbs]
DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH IN PULP AND PAPER MILL SYSTEMS FOR FOOD AND NON-FOOD CONTACT PAPER

60510 provides an effective means to treat various process waters for slime control. Dosage rates should be increased or decreased depending on control achieved. Maximum usage rate must not exceed 2 lbs 60510 solution per ton (2000 lbs., dry basis) of pulp or paper produced.

TREATMENT OF PAPER MACHINE WHITE WATER - 60510 may be applied within the white water short circulation loop on the paper machine. Apply with either shock, intermittent or continuous dosing. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses are applied for 1 to 12 times per day, for a duration of 5 to 60 minutes each. For either shock or intermittent dosing, apply 0.02 to 0.8 gallons 60510 per 1000 gallons of white water, producing a peak concentration of 20 to 800 ppm 60510 during dosing. This is approximately equivalent to a peak dose of 2 to 100 ppm 100% peracetic acid. For interrupted doses, apply 1 to 12 times per day for a duration of 10 to 60 minutes. Apply 0.8 to 2.1 gallons 60510 per 1000 gallons of water, producing a peak concentration of 800 to 2100 ppm 60510 during dosing. This is approximately equivalent to a peak dose of 25 to 1700 ppm 100% peracetic acid. For continuous dosing, apply 0.01 to 0.3 gallons 60510 per 1000 gallons of process water, producing a peak concentration of 20 to 100 ppm of 60510. This is approximately equivalent to 2 to 25 ppm 100% peracetic acid.

CATALEASE CONTROL IN DEINKING WATER LOOPS - 60510 may be applied to the inlet lines going to deinking water storage following clarification. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 10 to 60 minutes as necessary. Apply 1.7 to 4.2 gallons 60510 per 1000 gallons recirculation water, producing a peak concentration of 1700 to 4200 ppm 60510 during dosing. This is approximately equivalent to a peak dose of 100 to 250 ppm 100% peracetic acid. For continuous dosing, apply 0.2 to 1.4 gallons 60510 to 1000 gallons of process water, producing a peak concentration of 200 to 1400 ppm of 60510. This is approximately equivalent to 25 to 170 ppm 100% peracetic acid.

TREATMENT OF RAW AND PROCESS WATER - 60510 may be applied to water at the inlet of the process water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for a duration of 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 2 to 15 minutes, 4 to 100 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons 60510 per 1000 gallons of water producing a peak concentration of 60510 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons 60510 to 1000 gallons of water, producing a peak concentration of 10 to 300 ppm 60510. This is approximately equivalent to 1 to 36 ppm 100% peracetic acid.

SOLD BY:

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CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH FOR NON-FOOD CONTACT PAPER USES

TREATMENT OF STARCH USED FOR SIZING ON THE PAPER MACHINE – Apply 60510 directly to the starch storage tank or through the recirculation loop. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 1 to 2 hours, whereas intermittent doses may be applied for 5 to 60 minutes up to 12 times per day. For either shock or intermittent dosing, apply 0.8 to 5 gallons 60510 per 1000 gallons of starch solution to achieve 100 to 600 ppm 100% peracetic acid. For continuous dosing applications, apply 0.08 to 1.7 gallons 60510 per 1000 gallons starch solution, producing a peak concentration of approximately 10 to 200 ppm 100% peracetic acid.

TREATMENT OF CLAYS USED AS COATINGS AND FILLERS ON THE PAPER MACHINE – Applications may be made at the recirculation loop or directly to the agitated slurry storage tank. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses may be applied for 5 to 60 minutes, 1 to 12 times per day. For either shock or intermittent dosing, apply 0.4 to 0.8 gallons 60510 to 1000 gallons clay slurry solution producing a peak concentration of approximately 50 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.04 to 0.8 gallons 60510 to 1000 gallons of process water, producing a peak concentration of 5 to 100 ppm 100% peracetic acid.

COATINGS PRESERVATION - 60510 can be used as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings. Add 0.1 to 0.7 gallons of 60510 solution to 1,000 gallons of water. This will provide 100 to 700 ppm of 60510, or 12 to 85 ppm 100% peracetic acid.

TREATMENT OF DISPERSED PIGMENTS - 60510 can be used in the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper production. Add 0.12 to 0.6 lb. of 60510 to each 1,000 lbs. of fluid. This will provide 120 to 600 ppm of 60510, or 15 to 70 ppm 100% peracetic acid.

CONTROL OF ALGAL, Fungal, and BACTERIAL GROWTH IN INDOOR CLOSED LOOP, NON-POTABLE, NON-FOOD CONTACT WATER SYSTEMS

TREATMENT OF RAW AND PROCESS WATER (such as heat exchanger system water, boiler water, wet scrubber water, etc.) - 60510 may be applied to water at the inlet of the water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for a duration of 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 2 to 15 minutes, 4 to 100 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons 60510 per 1000 gallons of water producing a peak concentration of 60510 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons 60510 to 1000 gallons of water, producing a peak concentration of 10 to 300 ppm 60510. This is approximately equivalent to 1 to 36 ppm 100% peracetic acid.

CONTROL OF COOLING WATER SYSTEMS (such as cooling towers, evaporative condensers, etc.) – Severely fouled systems should be cleaned before treatment. 60510 should be added to the system directly and not mixed with any other chemicals or additives. Contamination with other chemicals could result in lack of efficacy. Add 60510 at a point in the system where uniform mixing and even distribution will occur such as the cooling tower basin sump. Shock doses may be applied for 1 to 2 hours as necessary, whereas intermittent doses are applied for 5 to 60 minutes, 1 to 100 times per day. For either shock, intermittent or continuous dosing, apply 0.01 to 0.07 gallons 60510 solution per 1000 gallons of water. This will provide 10 to 70 ppm of 60510, or 1 to 9 ppm 100% peracetic acid. Repeat treatment as required to maintain control.