NALCON® 60514

ACTIVE INGREDIENTS: 
Potassium dimethylthiodithiocarbamate .................................................. 50.0%
INERT INGREDIENTS ................................................................................. 50.0%
Total .................................................. 100.0%


KEEP OUT OF REACH OF CHILDREN

WARNING

INFORMATION FOR USERS

Pesticide Use Instructions

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing (hat, long sleeve shirt, long pants and boots) when handling. Harmful if swallowed. Avoid contamination of food and feedstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All industrial workers applying this product must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. During dilution, a chemical-resistant apron and goggles or face shield must also be worn.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surf. Discharge of contaminated water by cleaning of equipment or disposal of wastes. 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.

Storage and Disposal

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

PESTICIDE STORAGE: Keep from freezing. Do not store below 32°F.

PESTICIDE DISPOSAL: Pesticide wastes are hazardous wastes. Do not incinerate, pour down the drain, or otherwise dispose of excess pesticide, spray mixture, or rinsate 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:

Nonrefillable container. Do not reuse or refill this container.

Plastic Containers: 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 flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour into rinsate into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. If burned, stay out of smoke. Consult federal, state or local disposal authorities for approved alternative procedures. This offer for recycling if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product must not be used on any food or field crop or to formulate any product for use on any food or field crop.

INDUSTRIAL RECIRCULATING WATER COOLING TOWER AND EVAPORATIVE CONDENSERS

Dosage for Industrial recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply NALCON 60514 to the cleaned system or when growth is first noticed, according to the following schedule:

Dosage: Apply 1-3 ounces of product per each 1000 gallons of water in the system. This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

For Chemical Emergency

Spill, Leak, Fire, Explosive, or Poisonous Call CHEMTREC—Day or Night 1-800-424-9300.

See Side Panel For Additional Precautionary Statements

Sold By:

Nalco Company

1601 West Diehl Road

Naperville, IL 60563-1198

Directions for Use (Cont’d)

WASTEWATER TREATMENT SYSTEMS

NALCON 60514 may be used to control anaerobic bacteria, filamentous bacteria that cause bulking problems and other troublesome microorganisms in wastewater treatment systems and effluent. The quantitative NALCON 60514 dosage for control will vary with the severity of the problem. NALCON 60514 should be dosed to the system at the rate of 0.5 to 3.0 fl. oz. per 1000 gallons of wastewater (5-30 ppm) to various locations in the system to allow for mixing, every one to five days as needed for control; or fed continuously at the rate of 0.1 to 1.0 fl. oz. per 1000 gallons of wastewater flow (1-10 ppm) ahead of the problem area.

INDUSTRIAL WATER PURIFICATION SYSTEMS

NALCON 60514 is used to control microbially fouling in industrial water purification systems including reverse osmosis systems, filters, clarifiers, and ion exchange equipment. For off-line treatment, passes are fed at a concentration of 5.0 to 10.0 fl. oz. of NALCON 60514 to 1000 gallons of water (40-100 ppm) for 4 to 8 hours. For on-line maintenance treatment, dosing 1.0 to 2.0 fl. oz. per 1000 gallons of water (10-20 ppm) for 6 to 12 hours should be made once a week or as needed to maintain control. Not intended for use in potable water systems. Not registered for this use in California.

PAPER MILLS

Dosage will vary from 0.25 to 1.0 pounds of NALCON 60514 per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

NALCON 60514 may be drip fed continuously from the drum or fed by suitable chemical pumps such as metered solenoid, gear speed, positive displacement types; or by blending into the recirculating type. This product should be fed as early as possible in the system at such points including the hydrapump, machine chest or breaker system.

SECONDARY AND TERTIARY PETROLEUM RECOVERY

NALCON 60514 is a highly effective microbiocide for use in controlling the growth of bacteria found in secondary and tertiary petroleum recovery wastewater systems.

NALCON 60514 can be injected directly from the shipping container. It should be thoroughly mixed into the produced water, fresh or salt water or condensate water or in the secondary or tertiary oil recovery wastewater systems for effective micro-organism control. It may also be diluted with water for injection.

NALCON 60514 is used at a rate of 3.4-6.8 fluid ounces per 100 bbl. of water for growth inhibition of Bacillus Cereus and Desulfovibrio desulfuri.

DRILLING FLUIDS

NALCON 60514 is a highly effective microbiocide for use in controlling the growth of bacteria found in water based drilling muds. It is especially useful in muds containing starches, Xanthanate gums, and wood sugars. The uncontrolled growth of these fungi and bacteria can cause increased corrosion, solids and colloidal carryover, and degradation of the drilling mud, especially fluid loss properties.

NALCON 60514 is used at the rate of 1 to 10 gallons per 100 bbl. of mud (0.02% to 0.2%). It can be used directly from the shipping container or prediluted with water. It can be put in through the mud hopper or added to the pump suction.

NALCO COMPANY warrants that this product complies with the specifications expressed on the label. To the extent consistent with applicable law, NALCO COMPANY makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose.

For Chemical Emergency

Spill, Leak, Fire, Explosive, or Poisonous Call CHEMTREC—Day or Night 1-800-424-9300.

EPA Reg. No. 34688-77-1706

EPA Establishment Numbers are as follows (Letters in () that match prefix in batch number identify the establishment number.)

EPA Est. No. 1706-PA-1 (EL)
Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing. Use long sleeve shirt, long pants and boots when handling. Harmful if swallowed. Avoid contamination of food and feedstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
All industrial workers applying this product must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. During dilution, a chemical-resistant apron and goggles or face shield must also be worn.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are disposed or drilling is proceeding 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. Repeat this procedure two more times. If burned, stay out of smoke. Consult federal, state or local disposal authorities for approved alternative procedures. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local regulations, by burning.

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

FIRST AID

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

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Keep out of reach of children.

KEEP OUT OF REACH OF CHILDREN

WARNING

If swallowed, do not induce vomiting unless directed by the Poison Control Center.

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

For further information contact your local Pesticide Poison Information Center or your State Pesticide Representative at the nearest EPA Regional Office for guidance.

Spill, Leak, Fire, Explosive, or Accident Call CHEMTREC—Day or Night 1-800-424-9300.

Nalco Company
1601 West Diehl Road
Naperville, IL 60563-1198

PAPER MILLS
Dosage will vary from 0.25 to 1.0 pounds of NALCON 60514 per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

Nalco 60514 is an effective microbiocide for use in controlling the growth of bacteria found in industrial recirculating water cooling towers, evaporative condensers, wastewater treatment systems, industrial water purification systems, paper mills, secondary and tertiary petroleum recovery, and drilling fluids.

HALAL WATER TREATMENT SYSTEMS
NALCON 60514 is highly effective for use in controlling the growth of bacteria found in industrial recirculating water cooling towers, evaporative condensers, wastewater treatment systems, industrial water purification systems, paper mills, secondary and tertiary petroleum recovery, and drilling fluids.

WASTEWATER TREATMENT SYSTEMS
NALCON 60514 is highly effective for use in controlling the growth of bacteria found in industrial recirculating water cooling towers, evaporative condensers, wastewater treatment systems, industrial water purification systems, paper mills, secondary and tertiary petroleum recovery, and drilling fluids.

INDUSTRIAL WATER PURIFICATION SYSTEMS
NALCON 60514 is used at the rate of 3.4-6.8 fluid ounces per 100 bbl. of water for growth inhibition of Bacillus Cereus and Desulfovibrio desulfuricans.

SLURDRILLING FLUIDS
NALCON 60514 is highly effective for use in controlling the growth of bacteria found in secondary and tertiary petroleum recovery wastewater systems.

NALCON 60514 can be injected directly from the shipping container. It should be thoroughly mixed into the produced water, fresh water, or salt water or commingled water or the secondary or tertiary oil recovery wastewater systems for effective micro-organism control. It may also be diluted with water for injection or application.

NALCON 60514 is used at a rate of 3.4-6.8 fluid ounces per 100 bbl. of water for growth inhibition of Bacillus Cereus and Desulfovibrio desulfuricans.

SECONDARY AND TERTIARY PETROLEUM RECOVERY
NALCON 60514 is an effective microbiocide for use in controlling the growth of bacteria found in secondary and tertiary petroleum recovery wastewater systems. Nalco 60514 can be injected directly from the shipping container. It should be thoroughly mixed into the produced water, fresh water, or salt water or commingled water or the secondary or tertiary oil recovery wastewater systems for effective micro-organism control. It may also be diluted with water for injection or application.

NALCON 60514 is used at a rate of 3.4-6.8 fluid ounces per 100 bbl. of water for growth inhibition of Bacillus Cereus and Desulfovibrio desulfuricans.

DRILLING FLUIDS
NALCON 60514 is a highly effective microbiocide for use in controlling the growth of bacteria found in water based drilling muds. It is especially useful in muds containing starches, xanthanates, gums, and wood sugars. The uncontrolled growth of these fungi and bacteria can cause increased corrosion, undesired coagulation, and degradation of the drilling mud, especially fluid loss properties. Nalco 60514 is used at the rate of 1 to 10 gallons per 100 bbl. of mud (0.02% to 0.2%). It can be used directly from the shipping container or prediluted with water. It can be put in through the mud hopper or added to the pump suction.

NALCO COMPANY warrants that this product complies with the specifications expressed on the label. To the extent consistent with applicable law, NALCO COMPANY makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose.

For Chemical Emergency
Call CHEMTREC—Day or Night 1-800-424-9300.

PAPER MILLS
Dosage will vary from 0.25 to 1.0 pounds of NALCON 60514 per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

Nalco 60514 is an effective microbiocide for use in controlling the growth of bacteria found in secondary and tertiary petroleum recovery wastewater systems.

NALCON 60514 can be injected directly from the shipping container. It should be thoroughly mixed into the produced water, fresh water, or salt water or commingled water or the secondary or tertiary oil recovery wastewater systems for effective micro-organism control. It may also be diluted with water for injection or application.

NALCON 60514 is used at a rate of 3.4-6.8 fluid ounces per 100 bbl. of water for growth inhibition of Bacillus Cereus and Desulfovibrio desulfuricans.

DRILLING FLUIDS
NALCON 60514 is a highly effective microbiocide for use in controlling the growth of bacteria found in water based drilling muds. It is especially useful in muds containing starches, xanthanates, gums, and wood sugars. The uncontrolled growth of these fungi and bacteria can cause increased corrosion, undesired coagulation, and degradation of the drilling mud, especially fluid loss properties. Nalco 60514 is used at the rate of 1 to 10 gallons per 100 bbl. of mud (0.02% to 0.2%). It can be used directly from the shipping container or prediluted with water. It can be put in through the mud hopper or added to the pump suction.

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For Chemical Emergency
Call CHEMTREC—Day or Night 1-800-424-9300.

EPA Reg. No., 3468B-77-1706
EPA Establishment Numbers are as follows: (Letters in () that match prefix in batch number identify the establishment number.)
EPA Est. No. 1706-PA1 (EL)
Dosage: Apply 1-3 ounces of product per each 1000 gallons of water in the system. This dose may vary based on the condition of the system prior to treatment initiation. Systems which are heavily contaminated may require a higher dose. Dosage for industrial recirculating water cooling towers or evaporative condensers will depend on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination. NALCON 60514 is used at the rate of 1 to 10 gallons per 100 bbl. of mud. (0.02% to 0.2%).

 Keep Out of Reach of Children

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 **FIRST AID**

- **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, Clothes**: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Take off contaminated clothing.
- **If Swallowed**: Call poison control center or doctor for further treatment advice.
- **If Inhaled**: Move person to fresh air.
- **If on Food or Field Crop**: Do not give anything by mouth to an unconscious person. Do not induce vomiting unless told to do so by the poison control center or doctor.

 **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**ENVIRONMENTAL HAZARDS**

**Precautionary Statements**

**PESTICIDE STORAGE**: Keep from freezing. Do not store below 32°F.

**METAL CONTAINERS**: 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 or mx tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinse into application equipment or rinse collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or pony and dispose of in a sanitary landfill, or incineration, or, if allowed by state or local authorities, by burning.

**INDUSTRIAL RECIRCULATING WATER COOLING TOWER AND EVAPORATIVE CONDENSERS**

Dosage for industrial recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply NALCON 60514 to the cleaned system or when growth is first noticed, according to the following schedule:

- **Drilling Fluids**: Use at the rate of 1 to 10 gallons per 100 bbl. of mud. (0.02% to 0.2%).
- **Paper Mills**: Dosage will vary from 0.25 to 1.0 pounds of NALCON 60514 per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.