**SPECTRUS® NX1104 SLIME CONTROL AGENT**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**PELIGRO**

CORROSIVE. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin or inhaled. Do not get into eyes, on skin or on clothing. Avoid breathing vapor or spray mist. Wear goggles or face shield (safety glasses), protective clothing and chemical resistant rubber gloves. Wash hands before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. 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 until notified by the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**ACTIVE INGREDIENTS:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dodecylguanidine hydrochloride</td>
<td>5.0%</td>
</tr>
<tr>
<td>N-Alkyl (C12 - 40%, C14 - 50%, C16 - 10%)</td>
<td>8.0%</td>
</tr>
<tr>
<td>dimethylbenzyl ammonium chloride</td>
<td>87.0%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100.0%</strong></td>
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</tbody>
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**CONTENTS: LIQUID**

POUNDS PER GALLON: 8.5 (70°F)

**EPA REGISTRATION NUMBER:** 3876-145

**EPA ESTABLISHMENT NUMBER:** 25391

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PELIGRO**

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

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use, pour or store near heat or open flame.

**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 treatment advice. |
| If on skin or clothing | 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 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. |

**HOT LINE NUMBER:** 1-800-877-1940

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**STORAGE INSTRUCTIONS:** Store in original container. Keep from freezing.

**SPILL OR LEAK PROCEDURE:** Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.

**PESTICIDE DISPOSAL**

Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**CONTAINER DISPOSAL: Nonrefillable container.** Do not reuse or refill this container.

**CONTAINER DISPOSAL:** Nonrefillable container. Refill this container with 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 or a mix tank. Fill the container 1/4 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 rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Repeat this rinse procedure two more times.

**CONTAINER DISPOSAL:** Refillable container. Refill this container with 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 or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate the water for 2 minutes. Pour or pump rinseate into application equipment or rinseate collection system. Repeat this rinse procedure two more times.

**SUEZ WTS USA, Inc., 4636 Somerton Road, Trevose, PA, 19053 Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940**
**SPECTRUS® NX1104**

SLIME CONTROL AGENT

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

**RECOMMENDED USES:**

- **CIRCULATING COOLING WATER SYSTEMS:**
  - This product aids in the control of molluscs, barnacles, hydroida, bryozoa and of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water system, commercial and industrial cooling towers, influent systems such as flow-through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers. 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 THE CONTROL OF MOLLUSCA, BARNACLES, HYDROZOA, BRYOZOA, BACTERIA, FUNGI AND ALGAE:**
  - **INTERMITTENT OR SLUG METHOD - INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 0.3 to 2.0 pounds (36 to 240 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. **SUBSEQUENT DOSE:** When control is evident, add this product at the rate of 0.15 to 1.5 pounds (18 to 180 ppm) per 1000 gallons of water in the system every 3 days as or needed to maintain control.

- **CONTINUOUS FEED METHOD - INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 0.3 to 2.0 pounds (36 to 240 ppm) per 1000 gallons of water in the system. **SUBSEQUENT DOSE:** Continuously feed this product to maintain a dosage of 0.05 to 0.5 pound (6 to 60 ppm) per 1000 gallons of water in the system.

- **AUXILIARY WATER SYSTEMS:** This product is for non-potable auxiliary water systems. This product is effective for the control of molluscs, barnacles, hydroida, bryozoa and of odor-forming and slime-forming bacteria, fungi and algae in fresh, salt, or brackish auxiliary water systems such as fire protection systems, construction water lagoons, production or manufacturing water ponds or non-potable industrial water intake systems. This product may be added to the system by slug or intermittent feed. The frequency of feed and the duration of treatment will depend upon the severity of the contamination. Additions to lagoons or ponds should be made during the pumping operation and as close to the pump as possible to ensure adequate mixing. Additions to intakes of fire protection systems and industrial water systems directly to the pump chambers or just ahead of screen chambers and grit capture chambers. **INTERMITTENT OR SLUG METHOD:** When treatment is required, add this product at the rate of 1.5 to 4.0 pounds per 1000 gallons of water already in the system, or being added to the system, for 4 to 8 hours, 1 to 4 times per week or as needed to achieve the desired level of control. When control is obtained, add this product at the rate of 0.75 to 2.0 pounds per 1000 gallons of water in the system.

- **WASTEWATER SYSTEMS:** This product is effective for the control of molluscs, barnacles, hydroida, bryozoa and of odor-forming and slime-forming bacteria, fungi and algae in wastewater collection systems such as holding or recovery storage tanks, associated piping, settling ponds or lagoons, trickling filter, aeration basins, primary and fine settling clarifiers, transport spillways or canals and disposal wells. This product is not intended to be used in oxidation ponds or lagoons (aerobic and anaerobic) or aerobic and anaerobic sludge digesters. This product may be added to the system by slug or intermittent feed. The frequency of feed and the duration of treatment will depend upon the severity of the contamination. Additions to water systems should be made during the pumping operation and as close to the pump as possible to ensure adequate mixing. **INTERMITTENT OR SLUG METHOD:** When treatment is required, add this product at the rate of 1.5 to 4.0 pounds per 1000 gallons of water.

- **ENHANCED OIL RECOVERY SYSTEMS:** For controlling slime-forming bacteria, sulfide-producing bacteria, yeasts and fungi in oil field water, polymer or mycellar floods, water disposal systems, or other oil field water systems, add this product at the rate of 90-495 ppm (30-165 pounds per 1000 barrels of water) depending on the severity of contamination. Additions of this product should be made with a metering pump either continuously or intermittently. Addition of this product may be made at the free water knockouts, before or after the injection pumps and injection well headers. **INTERMITTENT OR SLUG METHOD:** When the system is noticeably fouled, or to maintain control of the system, add this product at the rate of 90-495 ppm (30-165 pounds per 1000 barrels of water) intermittently for 4 to 8 hours per day, and from 1 to 4 times per week or as needed depending on the severity of contamination. **CONTINUOUS FEED METHOD:** When the system is noticeably fouled, add this product at the rate of 90-495 ppm (30-165 pounds per 1000 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with this product at the rate of 90-180 ppm (30-60 pounds per 1000 barrels of water) continuously as needed to maintain control.

Lot Number: Net Weight: Packaging Date:

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