

MATERIAL SAFETY DATA SHEET**QUICK IDENTIFIER:** AquaTrol L-5174Manufactured by:
**AQUATROL DIVISION OF
MOMAR, INCORPORATED
1830 ELLSWORTH INDUSTRIAL DR.
ATLANTA, GEORGIA 30318**Emergency: INFOTRAC
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Date Prepared: July 12, 2005
Date Revised: January 11, 2010HEALTH
FLAMMABILITY
REACTIVITY
PERSONAL
PROTECTION**2****0****1****C**

Signature of Preparer:

**SECTION I - IDENTITY**Product Name: AquaTrol L-5174
Chemical Name: Mixture
Formula: Water treatment compound - corrosion inhibitor
Chemical Family: Not Applicable**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

| Hazardous Components | CAS No. | OSHA PEL | ACGIH TLV | Other Limit | % |
|-----------------------------------|------------|---------------------|---------------------|------------------------------------|------|
| Sodium Nitrite | 7632-00-0 | Not established | Not established | oral LD ₅₀ rat 85 mg/kg | <3.6 |
| SARA Title III CERCLA RQ 100 lbs. | | | | | |
| Sodium Molybdate | 10102-40-6 | 5 mg/m ³ | 5 mg/m ³ | | <5.0 |

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICSBoiling Point: 212° Specific Gravity (Water=1): 1.08 pH: 11.0
Vapor Pressure (mmHg): N/A
Vapor Density (AIR-1): N/A
Solubility in Water: Complete Reactivity in water: Not applicable
Appearance and Color: Lt. yellow tinted clear liquid Evaporation Rate (water=1): Not established**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point: N/A Flammable Limits: N/A Upper Limit: N/A Lower Limit: N/A

Extinguishing Media: Foam, dry chemical, water and CO₂.

Special Fire Fighting Procedures: If material is involved in a fire, wear NIOSH approved self contained, pressure demand, breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: Contains an oxidizing agent and can supply oxygen to stimulate or accelerate the combustion of organic or other combustible materials. Water may be used to cool containers when exposed to extreme heat.

SECTION V - REACTIVITY DATAStability: Unstable Conditions to Avoid: High Temperatures
Stable

Incompatibility (Materials to Avoid): Acid reducing agents, combustibles and, organics.

Hazardous Decomposition or by Products: Nitrogen Oxide

Hazardous Polymerization: Conditions to Avoid: Never use a cutting torch on an empty container.

May Occur
Will Not Occur

MATERIAL SAFETY DATA SHEET**QUICK IDENTIFIER:** AquaTrol L-5174**SECTION VI - HEALTH HAZARD DATA**Route of Entry: Inhalation Yes Eyes Yes Skin Yes Ingestion Not incidental to industrial use.

Health Hazards: Acute: May irritate respiratory tract and eyes on contact. May irritate skin, especially with prolonged or repeated contact. Although small quantities of sodium nitrite is used in food preparation, swallowing moderate amounts of sodium nitrite can result in serious toxic effects including death.

Chronic: None known

Carcinogenicity: No NTP No IARC Monographs No OSHA Regulated

Medical Conditions Aggravated by Exposure: Persons with pre-existing respiratory, kidney or blood disorders or gout.

EMERGENCY AND FIRST AID PROCEDURES:If Inhaled: Remove to fresh air. Give artificial respiration if not breathing. If symptoms persist, get immediate medical attention.In Case of Eye Contact: Immediately flush eyes with lots of running water for 15 minutes; lifting the upper and lower eyelids occasionally. Get immediate medical attention.In Case of Skin Contact: Immediately wash skin with lots of soap and water. Remove contaminated clothing and shoes; wash before reuse. Get medical attention if irritation persists after washing.If Swallowed: If conscious, give 2 glasses of water and induce vomiting. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** In case of spill or leak, wear protective equipment which includes protective gloves, chemical apron, and safety glasses. If misty wear NIOSH approved breathing apparatus. For small spills, sweep up and dispose of in a DOT approved waste container. Keep out of sewers, surface water, and soil. Comply with all applicable governmental regulations reporting.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in a cool, dry, well-ventilated place away from incompatible materials. Keep closed; prolonged exposure to air will slowly oxidize the nitrite to nitrate. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.**OTHER PRECAUTIONS:** Do not cut, grind, weld, or drill on or near this container. Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings, and handle empty containers as if they were full.**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type): If misty conditions are encountered, wear NIOSH approved respirator.

Ventilation: Yes Local Exhaust if misty conditions prevail Special: None

Mechanical (General) Recommended Other: None

Protective Gloves: Rubber or plastic.

Other Protective Clothing or Equipment: Wear safety glasses and rubber or plastic apron.

Work/Hygienic Practices: Always wash hands after handling chemicals. Wash contaminated clothing with soap and water and dry before reuse. Eyewash and quick drench shower. Do not wear contact lenses.

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