



## PRIMER<sup>®</sup> 604 LIQUID

# Material Safety Data Sheet

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### 1. HAZARDOUS INGREDIENTS

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**Composition:** Non-ionic surfactant blend – > 99% by weight (Listed on DSL inventory)

**WHMIS Classification:** Subdivision B ( Skin or Eye Irritant) of Division 2 (Materials Causing Other Toxic Effects) of Class D (Poisonous and Infectious Material) based on Acute Dermal Irritation Toxicity.

**Chemical Abstract Service (CAS) Number:** Mixture – no single CAS number

#### **EMERGENCY OVERVIEW:**

**Warning Statements:** CAUTION: MAY CAUSE SKIN OR EYE IRRITATION!

#### **TOXICOLOGICAL INFORMATION:**

**Acute Dermal Toxicity:** Slightly irritating based on similar products. LD<sub>50</sub> value not established.

**Acute Inhalation Toxicity:** No test data available for this product. LC<sub>50</sub> not determined.

**Acute Oral Toxicity:** LD<sub>50</sub> = 10200 mg/kg – Rat.

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### 2. PREPARATION INFORMATION

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**Date of Preparation:** March 3, 2008

**Supersedes Date:** March 1, 2005

**Prepared By:** Irene Karas (irene.karas@aquatrols.com)  
Regulatory Manager  
Aquatrols Corporation of America

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### 3. PRODUCT INFORMATION

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#### **PRODUCT AND COMPANY DESCRIPTION:**

**Manufacturer:** Aquatrols Corporation of America  
1273 Imperial Way  
Paulsboro, NJ 08066 USA

**For Product Information:** (800) 257-7797 or (856) 537-6003  
Internet Address: [www.aquatrols.com](http://www.aquatrols.com)

**Emergency Phone Number:** For emergencies involving a spill, leak, fire, exposure or accident contact CHEMTREC (800) 424-9300.

**Chemical Name or Synonym:** Non-ionic surfactant blend

**Product Use:** Soil Surfactant



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#### 4. PHYSICAL DATA

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Physical and chemical properties here represent typical properties of this product. Contact the Quality Control Department using the Product Information phone number in Section 3 for exact specifications.

##### **PHYSICAL AND CHEMICAL PROPERTIES:**

**Physical Appearance:** Hazy viscous liquid

**Odor:** Characteristic odor

**Odor Threshold:** Not established

**pH:** 5.0 – 7.0 (5% Solution)

**Specific Gravity:** 1.02 – 1.04 g/ml @ 25C

**Water Solubility:** Dispersible

**Evaporation Rate:** Not established

**Freezing Point:** Not established

**Boiling Point:** >71 C at 760 mmHg

**Vapor Pressure:** < 0.1mmHg at 20 C

**Vapor Density:** Heavier than air

**Percent Volatiles (vol.):** Not established

**Weight per Gallon:** Not established

**Coefficient of water/oil distribution:** N/A

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#### 5. FIRE OR EXPLOSION HAZARD

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##### **FIRE HAZARD DATA:**

**Conditions of Flammability:** Combustible if heated

**Extinguishing Media:** Foam, Carbon Dioxide, or Dry Chemical are recommended

**Flash Point:** > 93°C

**Method Used:** Pensky-Martens Closed Cup

**Flammability Limits (vol/vol%): Lower:** Not established    **Upper:** Not established

**Auto-Ignition Temperature:** Not established

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** Product will burn under fire conditions

**Hazardous Decomposition Materials:** Oxides of carbon



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## 6. REACTIVITY DATA

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### STABILITY AND REACTIVITY DATA:

**Chemical Stability:** This material is stable under normal handling and storage conditions described in Section 8.

**Conditions to be Avoided:** Keep away from heat, sparks and open flames.

**Materials/Chemicals to be Avoided:** Avoid contact with strong oxidizers and strong bases.

**Hazardous Decomposition Products:** Oxides of carbon.

**Hazardous Polymerization:** Will not occur.

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## 7. TOXICOLOGICAL PROPERTIES

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### POTENTIAL HEALTH EFFECTS:

**Primary Route(s) of Entry:** Routes of entry include eye and skin contact and ingestion.

### EFFECTS OF OVEREXPOSURE:

**Acute Eye:** Slightly irritating. May cause redness or irritation.

**Acute Skin:** Slightly irritating. May cause redness or irritation.

**Acute Inhalation:** Inhalation not likely. Mists may cause upper respiratory tract irritation.

**Acute Ingestion:** Practically non-toxic. May cause gastrointestinal irritation, nausea, diarrhea or vomiting.

**Chronic Effects:** This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

**Exposure Guidelines:** No exposure limits have been established for this product.

### TOXICOLOGICAL INFORMATION:

**Acute Eye Irritation:** Slightly irritating - Rabbit.

**Acute Skin Irritation:** Slightly irritating - Rabbit.

**Acute Dermal Toxicity:** No test data available for this product.

**Acute Respiratory Irritation:** No test data available for this product.

**Acute Inhalation Toxicity:** No test data available for this product.

**Acute Oral Toxicity:** LD<sub>50</sub> = 10200 mg/kg – Rat.

**Chronic Toxicity:** This product does not contain substances considered to be “probable or suspected” carcinogens.



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## 8. PREVENTIVE MEASURES

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### PERSONAL PROTECTIVE EQUIPMENT:

**Introductory Remarks:** These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs.

**Respiratory Protection:** When work conditions are such that aerosols or mists may be generated or present, use a suitable NIOSH/MSHA approved respirator. Under normal conditions with adequate ventilation, no protection is necessary.

**Eye/Face Protection:** Wear appropriate protective safety goggles/glasses to prevent splashing in eyes. A full faceshield and eyewash station are recommended.

**Skin Protection:** Skin contact should be minimized through the use of appropriate long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance. Nitrile or neoprene rubber gloves are also recommended.

**Engineering Controls:** Use adequate general or local exhaust ventilation to keep airborne contaminants to a minimum.

**Work Practice Controls:** Personal hygiene is an important control measure and the following general measures should be taken when working with or handling this material:

1. Do not store, use and/or consume foods, beverages, tobacco products or cosmetics in areas where this material is stored.
2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet.
3. Wash exposed skin promptly to remove accidental splashes of contact with this material.

### ACCIDENTAL RELEASE MEASURES:

**Containment of Spill:** Control spills with dykes and absorb with absorbent pads or booms. If necessary, apply an inert granular or loose absorbent to spill. When adsorbed, sweep or otherwise collect into recovery drums and dispose of properly.

**Disposal of Waste Materials:** Dispose of in accordance with local and federal regulations. Incineration in an authorized and permitted thermal treatment facility or chemical or biological treatment in an authorized and permitted facility is recommended.

### HANDLING AND STORAGE:

**Handling:** Avoid direct or prolonged contact with skin and eyes. Avoid inhalation of vapors or mists when spraying. Keep containers closed and use only with adequate ventilation. Wash hands before breaks and after working.



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#### PREVENTIVE MEASURES CONT'

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**Storage:** Keep containers closed. Store in a cool, dry, well-ventilated area.

**Special Shipping Information:** N/A (U.S. Department of Transportation Shipping Name: Non-regulated)

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#### 9. FIRST AID MEASURES

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**Eye Exposure:** Do not rub eyes. Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes or more (if easy to do so, remove contact lenses); if irritation persists consult a physician (preferably an eye specialist).

**Skin Exposure:** In case of contact immediately wash with soap and water. Remove and launder contaminated clothing. Seek medical attention if necessary.

**Inhalation:** Not an expected route of entry. Remove individual from source of exposure to fresh air. Seek medical attention if respiratory irritation or distress continues.

**Ingestion:** If victim is conscious and alert, give 1-2 glasses of water to drink. Seek medical attention. Induce vomiting only upon advice of a physician.

**Medical Conditions Possibly Aggravated by Exposure:** Skin contact may aggravate existing skin conditions/diseases.

**Notes to Physicians:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

**Disclaimer:** While the information and recommendations set forth herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon.

**End of MSDS Document**