

# BIO-MATIC

## WASTE LIQUEFIER & DRAIN MAINTAINER

TECHNICAL DATA SHEET (TDS)



**CULTURED, LIVE LIQUID BACTERIA—  
INSTANT ODOR CONTROL**



Item Number: 10010

### DESCRIPTION

BIO-MATIC is a broad-spectrum blend of cultured, live bacteria, enzymes, and solubilizing agents. This formulation is designed to digest waste, speeding the process of liquefaction, and it goes to work immediately in drain lines, grease traps, and septic tanks. BIO-MATIC virtually eliminates hand cleaning of grease traps and prolongs the life of plumbing and sewerage systems. This product's grease solubilizers insure superior performance even under conditions of high pH and extreme temperatures. Each gallon contains billions of nondisease-causing bacteria that produce enzymes. BIO-MATIC will also eliminate organic waste in garbage and waste receptacles, porta-toilets, carpets, and restrooms.

### DIRECTIONS

**Grease traps** - Pour in sink or pipeline closest to the grease trap. Use 4-5 ounces daily for traps with less than 25 cubic feet capacity. For grease traps larger than 25 cubic feet, use 8-12 oz. daily.

**Septic tanks** - Add 1 pint per 25 cubic feet capacity for the initial treatment. Thereafter, use 8 oz. per week. This should be poured directly into toilet and flushed. If septic tank has become clogged and odorous, add 1 quart of product to the tank through manhole.

**Municipal sewage treatment systems and trickling filters** - Use 5-6 gallons per million gallons of daily flow. For preventive maintenance, use 2 gallons per MGD weekly to maintain proper operations.

*Dilution ratios on back of this sheet*

### RECOMMENDED FOR

Drain Lines  
Grease Traps  
Septic Tanks  
Wastewater Treatment

### PROPERTIES

| Physical State      | Liquid              |
|---------------------|---------------------|
| Odor                | Fragranced          |
| Appearance          | Opaque White Liquid |
| pH                  | 7.5 - 8.5           |
| Solubility in Water | Complete            |

**BLUE CARDINAL**™  
• CHEMICAL •

3670 Scarlet Oak Blvd.  
St. Louis, MO 63122  
800-325-3312  
www.bluecardinalchemical.com

260325

# BIO-MATIC

## WASTE LIQUEFIER & DRAIN MAINTAINER

LABEL

### DESCRIPTION

**BIO-MATIC** is a broad-spectrum blend of cultured, live bacteria, enzymes, and solubilizing agents. This formulation is designed to digest waste, speeding the process of liquefaction, and it goes to work immediately in drain lines, grease traps, and septic tanks. **BIO-MATIC** virtually eliminates hand cleaning of grease traps and prolongs the life of plumbing and sewerage systems. This product's grease solubilizers insure superior performance even under conditions of high pH and extreme temperatures. Each gallon contains billions of nondisease-causing bacteria that produce enzymes. **BIO-MATIC** will also eliminate organic waste in garbage and waste receptacles, porta-toilets, carpets, and restrooms.

### DIRECTIONS

**FOR WASTE CONTROL IN AND AROUND URINALS, GARBAGE RECEPTACLES, AND OTHER PROBLEM AREAS** - Using a trigger sprayer, directly spray onto problem surfaces until soaked. Allow to air-dry.

**CARPETS:** To remove pet and other odors from carpets, using a trigger sprayer, directly mist onto carpet.

### INITIAL DRAIN LINE TREATMENT

During the first month of use, an increase in the prescribed dosage will allow you to establish bacteria colonies in every troubled spot. This product works best when applied at the end of the day or during the lowest use period. Pour product directly into drain lines beginning in the lowest floor of the building and work up one floor per day until the entire system is flowing freely. After the top floor is reached, treat from the top floor only.

Another Exclusive Product of

**BLUE CARDINAL**  
• CHEMICAL •

3670 Scarlet Oak Blvd. || St. Louis, MO 63122  
800-451-0726 || www.bluecardinalchemical.com

260313



# BIO-MATIC

## WASTE LIQUEFIER & DRAIN MAINTAINER



**Cultured, Live Liquid Bacteria**  
**Instant Odor Control**

**KEEP OUT OF REACH OF CHILDREN**  
**SEE ADDITIONAL CAUTION STATEMENTS ON SIDE PANEL**

Net Contents: 1 Gallon (3.8 L)

### DRAIN LINE TREATMENT CHART

| PIPE SIZE | DOSAGE | FREQUENCY    |
|-----------|--------|--------------|
| 2"        | 4 oz.  | 2 Times/Week |
| 4"        | 8 oz.  | 2 Times/Week |
| 6"        | 12 oz. | 2 Times/Week |
| 8"        | 16 oz. | 2 Times/Week |

**GREASE TRAPS** - Pour in sink or pipeline closest to the grease trap. Use 4-5 ounces daily for traps with less than 25 cubic feet capacity. For grease traps larger than 25 cubic feet, use 8-12 oz. daily.

|                        | Drain system is treated weekly | Drain system is not treated weekly |
|------------------------|--------------------------------|------------------------------------|
| Dishwashers            | 1 oz.                          | 1 oz.                              |
| Floor Drain            | 1 oz.                          | 4 oz.                              |
| Garbage Disposal       | 1 oz.                          | 4 oz.                              |
| Pot Sink               | 2 oz.                          | 4 oz.                              |
| Horizontal Branch Line | 1 oz.                          | 2 oz.                              |
| Urinals                | 2 oz.                          | 4 oz.                              |
| Toilet Bowls           | 2 oz.                          | 4 oz.                              |
| Hand Dishwash Sinks    | 2 oz.                          | 4 oz.                              |

**SEPTIC TANKS** - Add 1 pint per 25 cubic feet capacity for the initial treatment. Thereafter, use 8 oz. per week. This should be poured directly into toilet and flushed. If septic tank has become clogged and odorous, add 1 quart of product to the tank through manhole.

**MUNICIPAL SEWAGE TREATMENT SYSTEMS AND TRICKLING FILTERS** - Use 5-6 gallons per million gallons of daily flow. For preventive maintenance, use 2 gallons per MGD weekly to maintain proper operations.

**FOR INDUSTRIAL USE ONLY.**  
**KEEP OUT OF REACH OF CHILDREN.**  
**SEE SDS FOR MORE INFORMATION.**

### DRAIN LINE TREATMENT CHART

| PIPE SIZE | DOSAGE | FREQUENCY    |
|-----------|--------|--------------|
| 2"        | 4 oz.  | 2 Times/Week |
| 4"        | 8 oz.  | 2 Times/Week |
| 6"        | 12 oz. | 2 Times/Week |
| 8"        | 16 oz. | 2 Times/Week |

**GREASE TRAPS** - Pour in sink or pipeline closest to the grease trap. Use 4-5 ounces daily for traps with less than 25 cubic feet capacity. For grease traps larger than 25 cubic feet, use 8-12 oz. daily.

|                        | Drain system is treated weekly | Drain system is not treated weekly |
|------------------------|--------------------------------|------------------------------------|
| Dishwashers            | 1 oz.                          | 1 oz.                              |
| Floor Drain            | 1 oz.                          | 4 oz.                              |
| Garbage Disposal       | 1 oz.                          | 4 oz.                              |
| Pot Sink               | 2 oz.                          | 4 oz.                              |
| Horizontal Branch Line | 1 oz.                          | 2 oz.                              |
| Urinals                | 2 oz.                          | 4 oz.                              |
| Toilet Bowls           | 2 oz.                          | 4 oz.                              |
| Hand Dishwash Sinks    | 2 oz.                          | 4 oz.                              |

**SEPTIC TANKS** - Add 1 pint per 25 cubic feet capacity for the initial treatment. Thereafter, use 8 oz. per week. This should be poured directly into toilet and flushed. If septic tank has become clogged and odorous, add 1 quart of product to the tank through manhole.

**MUNICIPAL SEWAGE TREATMENT SYSTEMS AND TRICKLING FILTERS** - Use 5-6 gallons per million gallons of daily flow. For preventive maintenance, use 2 gallons per MGD weekly to maintain proper operations.

**FOR INDUSTRIAL USE ONLY.**  
**KEEP OUT OF REACH OF CHILDREN.**  
**SEE SDS FOR MORE INFORMATION.**

**BLUE CARDINAL**  
• CHEMICAL •

3670 Scarlet Oak Blvd.  
St. Louis, MO 63122  
800-325-3312  
www.bluecardinalchemical.com