

# MUNICIPALITY SOLUTIONS



## ATHEA® LABORATORIES AND MUNICIPALITY

Cities, towns and villages have a unique set of challenges – maintain the environment for safety, appearance, and functionality; keep equipment and buildings in working order; and do it all with a strict eye on worker safety and cost control. ATHEA® is the leading manufacturer of specialty chemicals, and wet wipes providing products for all of these concerns, including powerful degreasers, premoistened towels, specially-cultured bacterial-enzymes, and effective herbicides. In short, everything a municipality needs to stay clean and safe while keeping costs in line, ATHEA® can provide.

## WASTE WATER AND SEWAGE TREATMENT

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### #108 SEWER TRACING DYE

#### FLUORESCENT YELLOW-GREEN COLOR

- Highly visible and distinctive color can be measured using "black" ultraviolet light or precisely measured with a fluorometer
- Concentrated formula is non-toxic and biodegradable
- Excellent for finding leaks and conducting time flow studies
- Can be used when there is no sun in low light conditions

### #253 ENVIRO-CAUSTIC™ DRAIN OPENER

#### DRAIN OPENER

- Thickened formula sinks and clings to the point of obstruction
- Odorless, biodegradable, non-flammable
- NSF Certified: L1



### #255 DRAIN AWAY

#### LIQUID CAUSTIC DRAIN OPENER

- Fast-acting, odorless and convenient to use
- Opens drains and sewers by dissolving, liquefying and loosening clogs
- Formula is heavier than water, allowing it to sink through water to open clogs
- NSF Certified: L1



### #371 LEMON SEWER SWEETENER

#### WATER-BASED ODOR CONTROLLER

- Powerful fragrance does not affect bacterial action
- Water-based formula

### #375 CHERRY SEWER SWEETENER

#### WATER-BASED ODOR CONTROLLER

- Powerful fragrance does not affect bacterial action
- Water-based formula

### #380 SILT & SAND FLUSH

#### KEEPS SEWER LINES FREE-FLOWING

- A non-ionic polymer dispersant designed to break up and disperse inorganic deposits that may accumulate in sewers
- Use with a regular cleaning and flushing program
- Specially designed for mud, dirt and silt

### #381 FLOATING LIFT STATION DEGREASER

#### 100% d-LIMONENE, WITH RED INDICATOR

- Floats on the surface so it will rise and fall with the level of the wastewater
- Dissolves heavy grease and fat accumulations on lift station walls
- Creates an odor barrier and leaves a pleasant citrus scent
- Red color indicator lets you know when to add more
- Will not harm bacterial action in sewage treatment plants

### #384 SETTLING AGENT CONCENTRATE

#### CATIONIC POLYMER FLOCCULENT

- Designed for fast, efficient clarification of municipal wastewater
- Reduces operating costs
- Non-toxic, biodegradable product

### #492 D-SOLV LS

#### FLOATING LIFT STATION DEGREASER WITH RED INDICATOR

- Floats on the surface so it will rise and fall with the level of the wastewater
- Dissolves heavy grease and fat accumulations on lift station walls
- Creates an odor barrier and leaves a pleasant lime fragrance
- Red color indicator lets you know when to add more
- Will not harm bacterial action in sewage treatment plants

### #618 SUPER HIGH HEAT™

#### GRANULAR CAUSTIC WITH A HIGHER CONCENTRATION OF ACTIVE INGREDIENTS

- Contains extra caustic and heat-generating aluminum needles to generate greater heat for higher performance
- Releases tremendous amounts of heat and turbulence to liquefy blockages in drains and sewers for the fastest action available in a non-acid drain opener
- Loosens and dissolves greases and other organic material
- NSF Certified: L1



### #701 PURE EZ™ LIFT

#### 95% SOY /5% d-LIMONENE FLOATING LIFT STATION DEGREASER

- 5% d-Limonene, 95% soy
- Floats on the surface so it will rise and fall with the level of the wastewater
- Dissolves heavy grease and fat accumulations on lift station walls
- Creates an odor absorbing barrier and leaves a pleasant citrus scent
- Green color indicator lets you know when to add more
- 100% natural biodegradable formula will not interfere with bacteria

## LUBRICANTS

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### #300 MULTI-PURPOSE PENETRANT

#### LUBRICATES, PENETRATES, AND DEMOISTURIZES

- Protects against corrosion to extend life of machinery
- Displaces and seals out moisture
- Saves on production, maintenance and repair time
- Used by mechanics, machinists, pipe fitters, assemblers, plumbers and maintenance personnel

### #301 CUTTING & TAPPING OIL

#### OIL-BASED COOLANT AND LUBE

- Extends tool life and improves productivity
- Promotes residual lubrication, cleaner cuts, smoother finishes and cooler tool temperatures
- Especially useful in all milling, boring, cutting, grinding, tapping, threading, sawing and machining operations
- Not for use on copper or aluminum

### #336 GRAPHITE LUBRICANT

#### EXTREME HEAT AND PRESSURE LUBE

- Long-term protection even when exposed to steam, damp atmospheres and salt spray
- Protects metal parts under sustained temperatures up to 2100 °F
- Acts as a sealant, reduces friction, and makes tighter, firmer joints

### #8211 GRAPHITE LUBRICANT AEROSOL

#### DRY FILM HEAT AND PRESSURE LUBE

- Penetrates deeply, dries quickly and sheds moisture
- Hardens to a tough, long-lasting, tack-free film
- Can endure temperature variations as high as 800 °F to a low of -100 °F

## SPECIALTY CHEMICALS

### #344 RUST AWAY

pH-NEUTRAL, REUSABLE RUST REMOVER THAT RESISTS FLASH RUSTING

- Easily removes stubborn rust deposits without scrubbing
- Inhibits flash rusting for weeks after use
- Non-corrosive, non-toxic formula, and biodegradable

### #346 RUST CONVERTER

STOPS RUST AND CONVERTS IT INTO AN INERT, PROTECTIVE COATING

- Chemically converts rust to a stable, paintable surface; not a simple remover or cleaner
- Converted surfaces are prepared for oil-based paints
- No sand blasting, grinding, or etching required

### #347 CONVERT

SPRAYABLE RUST CONVERTER

- Special thinning agents allow for application through pressurized sprayers
- Chemically converts rust to a stable, paintable surface; not a simple remover or cleaner
- Converted surfaces are prepared for oil-based paints
- No sand blasting, grinding, or etching required

### #700 PURE EZ™ RELEASE

ASPHALT RELEASE AGENT, WITH SOY

- Provides a thin film to prevent asphalt from sticking to surfaces
- Protects surfaces and saves time and money during cleanup
- Extends the working life of expensive tools and equipment
- Economical formula will not harm equipment or degrade quality of asphalt

### #710 SALT RINSE

REMOVES WHITE RESIDUE FROM CARS, EQUIPMENT AND CARPETING

- Cuts through dull, white, chalky residue left by ice melting chemicals
- Dissolves salt residue without harming painted or finished surfaces
- Eliminates discoloring of floors and carpets

### #1801 ASPHALT PATCH

PAVING PATCH MATERIAL

- Can be used in any weather
- No primer coat is needed
- Can be used in temperatures as low as 15 °F
- Contains aggregate and is ready to be shoveled into crack or hole immediately from the container

### #8346 RUST CONVERTER AEROSOL

STOPS RUST, CONVERTS IT INTO AN INERT, PROTECTIVE COATING

- Chemically converts rust to a stable, rust-free surface; not a simple remover or cleaner
- Converted surfaces are prepared for oil-based paints
- No sand blasting, grinding, or etching required

## CLEANERS AND DEGREASERS

### #135 ENVIRO-TERRA™ CONCENTRATE

SAFER ACID REPLACEMENT CLEANER, 18% ACTIVE

- The performance of acid, but as mild as dish soap
- pH is less than 1, but safer to users
- Removes rust, scale, lime, stains, grease and beerstone
- Non-toxic, non-caustic, non-fuming, and biodegradable
- Up to 1:25 concentrate

### #495 D-SOLV CLEAR

POWERFUL MULTI-PURPOSE DEGREASER

- VOC and Prop 65 compliant
- Non-sensitizing to skin, non-hazardous, and non-flammable
- Low odor and emulsifiable
- Biodegradable

### #542 BIO-MAX OC™

SURFACE CLEANER WITH ODOR COUNTERACTANT

- Bacteria eliminate the source of malodors by breaking down and digesting organic waste
- Live bacteria and enzymes continue to work at eating away organic waste and keeping plumbing clear of buildup
- Mint fragrance leaves the area smelling fresh and clean

### #665 CITRA CRYSTALS™

CONCENTRATED GREASE CUTTING GRANULES WITH d-LIMONENE

- Heavy-duty concrete and equipment cleaner
- Made with the citrus extract d-Limonene
- Changes color in water from bright orange to fluorescent yellow-green to indicate the strength of the solution

### #700 PURE EZ™ RELEASE

ASPHALT RELEASE AGENT, WITH SOY

- Provides a thin film to prevent asphalt from sticking to surfaces
- Protects surfaces and saves time and money during cleanup
- Extends the working life of expensive tools and equipment
- Economical formula will not harm equipment or degrade quality of asphalt

### #1447 GRAFFITI WIPES

HIGHLY EFFECTIVE SOY-BASED FORMULA

- The most effective wipes available
- Environmentally safe and biodegradable formula
- Abrasive yet non-scratching fabric aids in cleaning
- Pre-moistened with a powerful cleaning formula that does not contain amyl acetate or methylene chloride, making them safer to use than traditional graffiti removal products

### #1539 MULTI-PURPOSE HAND TOWELS

SUPERIOR GREASE CLEANER FOR TOOLS, HANDS, SURFACES

- High-powered multi-purpose cleaner for hands, tools, equipment
- Highly effective on grease, oil, tar, adhesive, and other soils
- Ideal for industrial, plumbing, printing, manufacturing, construction, painting, transportation, maintenance, and marine
- Abrasive, yet non-scratching fabric aids in cleaning
- Fortified with an emollient and won't dry hands
- NSF Certified: C1



## GROUNDS MAINTENANCE

### § #145 **ELIMINATOR™**

1.85% DIQUAT DIBROMIDE, 1:8 CONCENTRATE (TERRESTRIAL), NON-RESIDUAL, AQUATIC WEED AND ALGAE CONTROL, VOC COMPLIANT

- Non-selective - replant 5-7 days after application
- Ideal for eliminating specific weeds that are close to desired flowers, shrubs, brushes and trees
- Kills most forms of plant growth without damage to the soil
- Effects are visible in only a few days
- Works only when it is absorbed by the foliage - deactivates on contact with soil

### § #314 **VACATE™**

1.10% 2,4-D, 0.61% BROMACIL, READY-TO-USE, SOIL STERILANT, VOC COMPLIANT

- Provides fast knockdown
- Long-lasting residual action
- VOC compliant alternative to #320 Barren

### § #320 **BARREN™**

1.09% 2,4-D, 0.98% BROMACIL, READY-TO-USE, SOIL STERILANT

- Provides extremely fast knockdown
- Residual action prevents growth up to 1 year

### § #363 **TRIPLE THREAT™**

4.55% 2,4-D, 2.29% MCP, 2.26% 2,4-DP, 1:96 CONCENTRATE, VOC COMPLIANT

- For use on golf courses and ornamental turf areas
- Knocks down tough broadleaf weeds like clover, chickweed and thistles
- Kills most broadleaf weeds in lawn and turf without harming surrounding grasses

### § #604 **DEMISE FIRE ANT & INSECT DEHYDRATOR**

1.0% PYRETHRINS, 10% PIPERONYL BUTOXIDE, 60% SILICON DIOXIDE, CONTACT KILLER WITH RESIDUAL

- Powder contact killer with residual
- Highly effective against fire ants, plus bedbugs, roaches, termites, beetles, centipedes, spiders, bees, hornets, yellow jackets, wasps, and many other insects
- Contains pyrethrins for quick knockdown and silicon dioxide which dehydrates insects on contact
- Powder clings to body hairs of insects and is carried back to the nesting area
- Up to 6 months residual
- 1% Pyrethrins, 10% Piperonyl Butoxide, 60% Silicon Dioxide

### § #848 **d'BUG**

5.8% D-LIMONENE, READY-TO-USE, WITH RESIDUAL

- d-Limonene dissolves the protective layer of wax from the exo-skeletons of insects, causing them to suffocate and die
- Safer alternative for around people and pets, food environments
- 5.8% d-Limonene

### § #8401 **BUZZSAW WASP & HORNET KILLER**

0.2% TETRAMETHRIN, 0.125% PHENOTHRIN, POWERFUL BLAST, 41,000 VOLT DIELECTRIC

- Powerful blast kills from up to 20 feet away
- Use both outdoors and indoors
- Formulated with Tetramethrin for fast knockdown and Phenothrin for long-lasting residual action
- 0.2% Tetramethrin, 0.125% Phenothrin



§ = Private Label Requires EPA Registration

f = Private Label Requires FDA Registration

### #277 **ICE ERASE**

POTASSIUM-ACETATE-BASED LIQUID, APPROVED FOR AIRPORT TAXIWAYS AND RUNWAYS, UP TO 12-HOUR PRE-TREAT

- Allows for up to 12 hours pre-treat to prevent ice and snow accumulation
- Effective in temperatures as low as -60 °F
- Ideal alternative to harmful deicing pellets
- Leaves no residue, non-corrosive
- Safe for surrounding grass areas

### #288 **LIQUID GREEN FIRE™**

ACCELERATED MELTING ACTION

- Fast and easy to use
- Lowers operating temperatures of solid ice melt products
- Improves performance and longevity of solid rock salt and sand when applied prior to their use
- For use on parking lots, roadways, sidewalks, or other foot traffic areas
- Effective in temperatures of -10 °F

### #385 **SNOW PLOW COATING**

PREVENTS SNOW AND ICE FROM STICKING

- Leaves a hard, slippery layer of silicone on plow blades, snow thrower chutes, shovels
- Reduces friction for more efficient plowing
- Will not wash-off

### #600 **PELLET DEICER**

CALCIUM CHLORIDE PELLETS

- Works immediately to melt ice, frost and snow
- Non-corrosive to concrete
- Effective in temperatures as low as -25 °F
- Generates exothermic heat to power through thick deposits
- Prevents refreezing for up to 12 hours
- These pellets are 36 times faster than rock salt and will melt 46 times their own weight

### #1603 **GREEN FIRE™**

SODIUM AND MAGNESIUM CHLORIDE BLEND WITH GREEN DYE FOR VISIBILITY

- Sodium chloride and magnesium chloride formula works immediately to melt ice, frost and snow
- Green dye shows where product has been applied
- Non-corrosive to concrete when used as directed
- Does not leave a residue on carpets and floors
- Generates exothermic heat to power through thick deposits
- Do not use on exposed aggregate, precast steps or chipped, cracked concrete and brick
- Effective in temperatures as low as 0 °F

## WORKER SAFETY

### f #268 **HYGIEN HAND SOAP**

ANTISEPTIC FORMULA

- A mild, fresh scented hand cleaner
- With the proven germ fighter BZK (benzalkonium chloride)
- Contains an emollient to help moisturize skin

### f #1448 **HAND SANITIZING WIPES**

ALCOHOL-BASED FORMULA CLEANS, SANITIZES, MOISTURIZES

- Kills 99.9% of the harmful germs and bacteria on your hands
- Special formula cleans and sanitizes, moisturizes
- Convenient and easy to use

### § #1541 **FLY AWAY WIPES**

WATER-BASED, 25% DEET

- Water-based insect repellent
- Non-VOC formula
- No strong or offensive odor
- Provides up to 4 hours of protection