



JANITORIAL

3730 THRIFT-O-FRESH One-Step Quat Cleaner-Disinfectant-Deodorizer offers a new, fresh fragrance in an EPA-registered, concentrated, multi-purpose, one-step cleaner, deodorizer and disinfectant. You'd never guess its power from its light, refreshing scent.



FOODSERVICE

60104 ALL KLEEN Heavy-Duty Hood Cleaner & Degreaser specially formulated for foodservice cleaning jobs such as cleaning vent hoods, appliances, pizza ovens, grills, burners, and blowers.



INDUSTRIAL

5960 REVIVE Rust Converter renews rusted surfaces by converting the rust into an inert black polymer-based coating that prevents future rust from forming. Surfaces can be painted after treatment.



TRANSPORTATION

3295 RE-FRESH Auto Air Conditioning Freshener kills the mold and mildew that build up in auto air conditioners during the summer. Car interiors are deodorized and refreshed.



PATHWAYS

ZIKA MOSQUITO EFFECTIVE REPELLENTS

Download the product guide for our DEET insect repellents, including those effective against West Nile- and Zika-carrying mosquitoes.



Download Insecticide Repellent Product Guide

Summer Safety Outdoors



Working Safely Around Wasps

By the end of the summer, a single wasp nest can contain up to 5,000 wasps. Therefore, it is no surprise these flying pests pose the greatest danger to outdoor workers in late August and September.

There are three types of “social wasps” – yellowjackets, hornets, and paper (or umbrella) wasps. Yellowjackets (yellow and black coloring) account for the majority of stinging incidents and are responsible for wreaking havoc during late summer picnics. They build nests made of rounded combs stacked in tiers, then covered with an outer shell. One species of yellowjackets builds large aerial nests (such as in trees) while another species builds concealed nests underground (particularly dangerous to landscapers).

Hornets are less likely to sting, are primarily predators of other insects, and are rarely drawn to food. The most common hornet in the U.S. is the baldfaced hornet, recognized by its black and white coloring.

Paper wasps make open-comb nests similar to yellowjacket and hornet nests, but are not enclosed. Like hornets, they feed on other insects but will sting to protect their hive.

In order to ascertain hidden nest locations, many outdoor technicians will take action to flush them out, such as tapping on exhaust hoods or banging on roof ladders. **When locating a nest in a work area, most technicians prefer to eliminate the hazard rather than work in their midst.**



Yellowjacket nest



Paper wasp nest



Baldfaced Hornet nest

Although experts recommend spraying nests at night when insects are back in the nest and less active, most outdoor workers do not have that option and need to address the hazard in order to complete their work.

(continued on page 2)

Avoiding nPB in PCBs

Printed Circuit Boards (PCBs) are found in a multitude of products we use every day – from consumer electronics such as toys, computers, and household appliances to manufacturing robotics and military hardware.

Simply stated, PCBs are self-contained modules of interconnected electronic components with circuits formed by a thin layer of conducting material deposited or “printed” on the surface of an insulating board.

It is important to keep the board clean for maximum performance. A common ingredient in circuit board cleaners is 1-Bromopropane, also known as nPB (CAS 106-94-5). Although OSHA does not currently have a specific exposure standard for nPB, it does require employers to keep workers safe from exposure to it and notes exposure limits set by the California Occupational Safety and Health Administration and the American Conference of Governmental Industrial Hygienists.

Studies have shown exposure to nPB can cause irritation to eyes, upper airways and skin. Additionally, exposure can damage the nervous system, causing headaches, dizziness, loss of consciousness, slurred speech, confusion, difficulty walking, and muscle twitching. These symptoms can continue even after exposure.



There are some problems with common non-nPB alternatives such as 70% isopropyl alcohol (IPA), d-limonene, or acetone.

In the case of 70% IPA, it can damage some plastics and other materials. Furthermore, you don't know exactly what constitutes the remaining 30%. It could contain some additives that leave a residue and affect the circuit board performance.

According to some experts, d-limonene has its own health and environmental concerns, such as skin sensitivity and flammability. Acetone can harm some types of plastics used in electrical board components.

QuestSpecialty provides two choices in electrical and electronic contact cleaners and degreasers. **5240 UPPER CUT Electrical & Electronic Contact Cleaner & Degreaser** has a high solvency

percentage designed for heavy soil removal. However it is not as safe on certain resin-based surfaces and is best suited for metal surfaces.

The product of choice is **5250 LEFT HOOK Electronic Cleaner**, ideal for use on circuit boards, wire terminals, relays, switches, contacts, circuit breakers and other electrical equipment. The quick drying formula will not harm most plastics, paints, or rubbers.

NEW PRODUCT

5830 SAFE BET Multi-Purpose, Penetrating Lithium Spray Lubricant is a multi-purpose lubricant, penetrant and rust preventative which changes from a fluid to a tough, protective grease in minutes. It is ideal for hard to reach areas such as those found on door hardware and operator drive mechanisms.

Once the grease has cured, it will outlast any regular oil or silicone. It is perfect for lubricating hinges, operators, rollers, open gears, tracks, roller chain drives, springs, tools, cable and screw-type drives. Use with confidence, as it is VOC compliant in all 50 states.



Working Safely Around Wasps (from page 1)

Some helpful hints for safe wasp nest removal:

- Wear protective, tight fitting clothing to make it more difficult for wasps to get inside clothing and sting. Pull socks out over pant cuffs and wear gloves.
- Use a high dielectric strength, far-reaching spray appropriate for the electrical equipment being serviced.
- Rely on a spray with a residual kill to continue killing wasps as they return to the nest.
- For enclosed nests, spray the entrance points, then completely spray the nest.
- For “umbrella” paper wasp nests, thoroughly spray all exposed combs.
- If possible, remove the nest and treat the attachment area.

Many would agree it is a best practice to have two cans of an EPA-registered insecticide in every technician's truck or van, ready for use as needed.

4420 DYNAMO Wasp & Hornet Spray is an ideal product for any technician's vehicle. It is EPA-registered for effectiveness against all types of social wasps: yellowjackets, hornets, paper wasps, as well as bees. It delivers a fast contact kill on wasps and provides residual action as insects not present during the initial application return to the nest.

Spraying DYNAMO along the building's exterior will act as a barrier to prevent insects from entering buildings. Use it with confidence on a number of electrical devices as it has a high 47,300 volt dielectric strength. Its jet spray shoots up to 20 feet and can be used both outside and indoors.


VENUE SPOTLIGHT

Back to School ... Cafeteria Time!

School cafeterias are the hub of activity early in the morning for breakfast and in the middle of the school day for lunch. There are nearly 100,000 schools and institutions in the US serving school lunches to nearly 30.5 million students each day. In addition to lunches, there are over 90,000 educational facilities serving breakfasts to 14 million students each day.

Using specialty chemicals in school cafeterias will make fast work of keeping kitchens, cooking utensils, preparation surfaces, serving counters and tables clean and maintained.

KITCHEN:




10619 CARBON-OFF® Heavy-Duty Carbon Remover quickly dissolves carbon build-up from metal surfaces.

3610 PREDATOR RTU Food Contact Surface Sanitizer is a multi-purpose, no-rinse sanitizer for use in food contact applications.

401304 FRYER PUCK Boil-Out Deep Fryer Cleaner quickly cleans fryers with a low foaming, heavy-duty detergent formulation.

EATING AREA:




2280 FREZE-IT Chewing Gum Remover removes gum from floors, tables, seats, and painted surfaces.

2980 GREENSCAPES Oxygenated Cleaner & Degreaser contains hydrogen peroxide, biodegradable surfactants and degreasers.

6940 OVATION Foaming Instant Hand Sanitizer contains no alcohol or Triclosan. It is perfect for hand sanitizing before eating.

SERVING AREA:




4670 ADIOS Drain Fly Repellent is a biodegradable, non-toxic, and non-caustic solution for addressing drain fly infestations.

3610 PREDATOR RTU Food Contact Surface Sanitizer is a multi-purpose, no-rinse sanitizer for use in food contact applications.

140611 BRITE SHINE Stainless Steel Cleaner & Polish is a mineral oil-based cleaning & polishing formulation made with food grade and other high quality ingredients.

EVENT CONCESSIONS:



264802 KETTLE TABS™ Popcorn Kettle Boil-Out Cleaner is a specially formulated, heavy-duty, low foaming tablet which quickly and easily cleans popcorn kettles.

2031 NU-VIEW Concession & Food Equipment Cleaner is ideal for cleaning the greasy interior windows of popcorn poppers. It is also great for hot dog boilers, steamers, nacho chip warmers and soft servers. NSF A1.

SEASONAL TIP

Faster, Better Leak Detection = Peak Performance

Even **the smallest leak in a refrigeration system can impact performance and be harmful to the environment.** Most large leaks are pretty easy to locate, but **smaller leaks are more difficult to pinpoint**, leaving technicians to rely on various leak detecting devices.

Electronic detectors can be compromised by a good breeze blowing or by expired sensors.

Ultrasonic detectors aren't affected by wind, but performance can be impacted when used in facilities where there are other frequencies, such as those created by compressed air and steam movement through pipes.

If you rely on ultraviolet dyes and use too much, it can affect the unit's overall performance, plus disconnecting manifold gauge sets and/or ancillary equipment can get messy.

These **problems can be circumvented by relying on soap-based liquid leak detectors.** As any seasoned HVACR technician will testify, using a liquid detector is an extremely

effective method for finding continuous leaks. But not all specialty soap formulas are created equal.

6632 BUBBLY Leak Detector is specially formulated to suspend dirt so the particles will not drastically reduce its sensitivity.

The unique formula provides a long-lasting cling to pipes so technicians have more time to find small leaks. Use it to find leaks in any refrigeration system including air conditioners, refrigeration units, walk-in coolers, window units, refrigerators, and more. It can also be used to locate nitrogen and natural gas leaks.



VIDEO CORNER

Action: Carbon-Off!®

If you have a busy, successful kitchen, you will have a build-up of carbon on pots, pans, baking dishes, waffle makers and more. The solution? Watch our newest YouTube video and see how **10619 CARBON-OFF! HEAVY-DUTY CARBON REMOVER** dissolves baked-on, encrusted carbon build-up on a frying pan before your eyes.

See how quickly this powerful gel goes to work and then rinses clean with cold water. This video shows both brush-on and aerosol application, but CARBON-OFF! is also available in a dip tank solution for repeated treatment of multiple utensils.

CARBON-OFF! is safe for use on aluminum, as well as brass, nickel steel, broilers, barbecue grills, rotisseries, and popcorn kettles.



View on our QuestSpecialty
YouTube channel



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PROMOTIONS

6010 LIQUEFIRE Anti-Icing Agent



- Prevents bonding of snow and ice to:
 - Metal surfaces
 - Cement, Pavement
 - Brickwork
- Use on: Walkways, Catwalks, Loading Docks, Metal Stairs.

8000 DE-ICE Frost & Ice Remover



- Melts ice, frost and snow from windshields, windows, door locks, trunk locks
- Prevents locks from freezing
- Ideal for: Bus Barns, Police Patrol Cars, Rental Car Companies, Gas Company Fleets, Waste Management Trucks, etc.

PRESEASON PROMOTION

Special Pricing on orders placed
through 9/30/16

6010 LIQUEFIRE Anti-Icing Agent

4x1 gallon:
\$12.90/gal.
2 x 2.5 gallons:
\$13.82/gal.
5 gallon pails:
\$13.06/gal.
55 gallon drums:
\$12.66/gal.

8000 DE-ICE Frost & Ice Remover

12-16 oz.
cans per case
with net. wt.
of 12 oz.:
\$28.08/case

