

PROTERIS™ TANK CLEANER

Spray System Cleaner

PROTERIS™ TANK CLEANER is a powerful cleaning agent that exceeds the capabilities of ordinary tank cleaners. When combined with good sprayer cleaning technique, PROTERIS TANK CLEANER virtually eliminates the risk of cross-contamination that leads to crop injury complaints and yield loss, keeping your reputation as a professional applicator intact.

BATCH MIXED SPRAY SYSTEM CLEANER DEMO



WHAT MAKES PROTERIS TANK CLEANER BETTER:

- ✓ Penetrates and removes dried-on residues left behind from incompatible tank mixes
- ✓ Advanced emulsifier technology will solubilize oily residues for easier purging of the system
- ✓ Alkalinity builders maximize rinsate solution pH to quickly breakdown vulnerable pesticides
- ✓ Contains anti-corrosion inhibitors to protect equipment pumps, seals and plumbing



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PRINCIPAL FUNCTIONING AGENTS

Proprietary blend of formulation aids including alkalinity agents, emulsifiers, and surfactants.....100%
All ingredients are approved for use under 40 CFR 180

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and serious eye damage. If medical advice is needed, have product container or label at hand. Read label before use. Keep only in original packaging. Do not breathe mist, vapors or spray. Wash protective equipment and work clothes thoroughly after handling. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS. Store locked up. Store in a corrosion resistant container with a resistant inner liner. Dispose of contents/container to disposal plant in accordance federal, state and local regulations.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

When handling concentrated product, applicators or other handlers must wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, chemical-resistant gloves and splash-proof chemical safety goggles. Once product has been mixed with the recommended amount of water, applicators or other handlers should wear protective eyewear, chemical-resistant gloves, long-sleeved shirt, long pants, socks and shoes. Consult the SDS for further information.

FIRST AID

- If Swallowed:** Call a poison center/doctor or Chemtrec if person feels unwell. Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person. Treat symptomatically.
- If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
- If On Skin:** Take off immediately all contaminated clothing. Rinse skin with water, or shower. If skin irritation occurs: Get medical advice or attention.
- If Inhaled:** Remove person to fresh air and keep comfortable for breathing.

GENERAL INFORMATION

PROTERIS TANK CLEANER emulsifies oily residues and increases spray solution pH in tanks, sprayer lines and hoses to degrade crop protection products. PROTERIS TANK CLEANER ensures more thorough clean-outs and reduced risk of cross contamination when used in conjunction with proper sprayer cleaning technique. Rinsate solutions containing PROTERIS TANK CLEANER may be disposed of on growing crops.

FOR USE IN CLEANING SPRAY EQUIPMENT USED TO APPLY PESTICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, ORNAMENTAL RIGHTS-OF-WAY, TURF, AND OTHER APPROPRIATE USES.

DIRECTIONS FOR USE

After cleaning procedures have been completed, fill tank with clean water and conduct a rinsate test on the water in the tank. Rinsate tests can be done through laboratory analysis or bioassay. For bioassay testing, apply rinsate to sensitive vegetation and observe treated plant for at least 48 hours. If damage occurs, repeat cleaning process and testing procedures. If no damage is observed, dispose of rinsate in an appropriate manner and resume spraying operations. All internal and external rinsate must be contained and disposed of according to state, local and federal regulations.

USE RATES

Ground:

Use 2 quarts per 100 gallons of clean water for heavier residue removal and cleaning. Use 1 quart per 100 gallons of clean water for more frequent maintenance cleaning. Addition of antifoam or defoamer may be useful in reducing foaming from the detergent system in PROTERIS TANK CLEANER.

MIXING

1. Clean all tanks on a state-approved loading pad so rinsate can be collected and mixed into spray solution or into a dedicated rinsate tank. In-field clean-out, go to step 3.
2. Drain the spray tank as completely as possible. Loosen any visible deposits.
3. Conduct a pre-rinse by charging system with 100-200 gallons of clean water. Recirculate for 10 minutes and spray half of the rinsate through the nozzles.
4. Remove end-caps on boom sections and spray remaining 50-100 gallons through the booms.
5. Remove nozzles, screens and strainers and thoroughly clean separately in a bucket, using PROTERIS TANK CLEANER as the cleaning agent. Allow to soak while completing the cleaning process.
6. Charge the system again with 100-200 gallons of clean water and the appropriate rate of PROTERIS TANK CLEANER. Ensure agitation and carefully clean the interior of the tank using a 360° rotation nozzle or pressure sprayer. Recirculate for 15 minutes and spray half of the rinsate through the nozzle bodies and the other half through the spray boom sections until tank is empty.
7. Drain lines and pump. Dispose of rinsate according to product label and local, state and federal regulations.
8. Rinse nozzles, screens, strainers and end caps with clean water and reinstall.
9. Flush the system by adding 50-100 gallons of clean water to the tank. Recirculate through entire system. Flush solution through the boom, hoses and nozzles until tank is empty.
10. Drain the tank, lines and pump completely. Remove excess rinsate with a pump or dedicated wet/dry vacuum.
11. Repeat steps 6, 9 and 10 if necessary.

STORAGE AND DISPOSAL

Noncombustible. Store in original container only. Protect product from freezing. If product freezes, warm to room temperature and agitate before use. Prevent water from being introduced into the contents of this package. Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

PACKAGING:

- 4 x 1 gallon case
- 12 x 1 quart containers

