Aqua Des™

PHYSICAL AND CHEMICAL HAZARDS

DANGER: CORROSIVE Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or clothing. May be fatal if swallowed or inhaled. Do not use in concentrated form. Mix only with water according to label instructions. Contact of concentrate with other sanitizers, cleaners or other material may cause fire.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Store in original vented container in a dry location away from heat and out of direct sunlight. In case of fire, apply large quantities of water. Do not store near steel and aluminum surfaces. If the product is intended to be used on any surface, it is recommended that you apply product to a smaller test area to determine compatibility before proceeding with its use. For all applications, to ensure effectiveness: do not return unused portion of Aqua Des™ into general pesticide storage. Rinse equipment with potable water. 3. Apply Aqua Des™ using a coarse spray device at a rate of 1.6 to 2.0 fluid ounces per 5 gallons of potable water. 4. Allow sanitizer to remain on the targeted surface and with controlled drainage. Ensure that no sanitization solution comes in contact with other products, structures or vehicles.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate, is a violation of federal law. For additional information, refer to the product Safety Data Sheet.

CONTAINER DISPOSAL: Triple rinse container (or equivalent) promptly after emptying. For containers less than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water. Repeat the procedure two more times. For containers 5 to 55 gallons: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip the container onto its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth. Shake for 10 seconds. Empty rinsate into application equipment or mix tank or store rinsate for later use or disposal. Pour rinse water into application equipment or mix tank or store rinsate for later use or disposal. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

TO HUMANS AND DOMESTIC ANIMALS

FIRST AID

CALL THE POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY FOR EMERGENCY MEDICAL INFORMATION.

IF IN EYES: • Hold eyelids open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

IF ON SKIN: • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.

IF INHALED: • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice.

IF SWALLOWED: • Call a poison control center or doctor immediately for treatment advice. • Promptly drink large quantities of water. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

DIRECTIONS FOR USE

Aqua Des™ is for use in circulation cleaning and Institutional/industrial sanitizing of pre-cleaned hard nonporous food contact surfaces and equipment such as tanks, pipelines, evaporators, fillers, pasteurizers and aerogenic equipment.

This product has demonstrated greater than 99.999% reduction of Staphylococcus aureus and Escherichia coli in the APAC Cemical and Detergent Sanitizing Action of Disinfectants study.

SANITIZING PRI-CLEANED HARD NON-POUROUS FOOD CONTACT SURFACES SUCH AS TANKS, PIPING SYSTEMS, PUMPS

Clean equipment such as tanks immediately after use: 1. Remove gross food particulate matter and soil by a warm water flush, or pre-flush, or a pre-scrape and, when necessary, pre-soak treatment. 2. Thoroughly wash surfaces or equipment with a good detergent or comparable cleaning solution. Rinse equipment with potable water. 3. Prepare Aqua Des™ solution as follows: Add 1.5 to 2.0 liquid ounces Aqua Des™ to 5 gallons of potable water. This will provide 145 to 181 ppm peroxyacetic acid and 631 to 780 ppm hydrogen peroxide. 4. Fill closed systems with diluted sanitizer solution at a temperature of 5°C (41°F) to 40°C (104°F) and a contact time of one (1) minute. 6. Allow surfaces to drain thoroughly before resuming operation.

ENTRYWAY SANITIZING SYSTEMS:

To help prevent cross-contamination from treated area to treated area, apply spray foam with sanitation foam. The foam must cover the entire path of the doorway. Effective coverage of footwear and forklift tires, etc., apply a foam layer 0.5 to 2 inches in depth. Set the system to deliver 1 to 6.1 fluid ounces (82 - 500 ppm active PAA) of Aqua Des™ and 3 to 12 fluid ounces of PAA additive per 6 gallons of water. Adjust the PAA concentration by testing the collapsed foam solution using a peroxyacetic acid test kit.

TRACTOR TRAILER SANITIZATION

Aqua Des™ may be used to sanitize and deodorize vehicles such as trucks, trailers, cargo areas (including trunk body parts and tires, mats, wheels) between loads. Use Aqua Des™ to prevent cross contamination between loads. 1. Before sanitization, move the vehicle into an area with an impervious surface and with controlled drainage. Ensure that no sanitation solution will be released into the environment. 2. Remove cross contamination with high pressure water and cleaner or other suitable detergent and rinse with water. 3. Apply Aqua Des™ using a coarse spray device at a rate of 1.6 to 2.0 fluid ounces per 5 gallons of potable water. 4. Allow sanitizer to contact surface for at least one (1) minute. Allow equipment to drain dry before using. Do not rinse.