Alpha HP Cleaner/Disinfectant Use

POLICY:
Please refer to the Southern Oregon Head Start (SOHS) Safety Policy.

HEAD START PROGRAM PERFORMANCE STANDARD:
§ 1304.22 Child health and safety
OREGON CHILD CARE DIVISION:
414-300-0180 Sanitation
OREGON HEALTH AUTHORITY
Criteria for Disinfectants and Sanitizers
12/21/2014

Definitions:

Disinfectant: usually a chemical that destroys disease-causing pathogens or other harmful microorganisms. Disinfectants are generally stronger or more toxic than sanitizers and are used where there are more infectious organisms to control like in bathroom and toilet areas or on blood-borne pathogens and body fluid cleanups.

Sanitizer: agent that reduces the number of bacterial contaminants to safe levels as judged by public health requirements. In child care settings, sanitizing will kill enough germs to reduce the risk of becoming ill from contact with the surface. Sanitizers are used in all classroom and general settings.

Cleaning: The process that physically removes debris from the surface or area by scrubbing, washing and rinsing. It is generally accomplished with soap or detergent and water.

Purpose/Scope

This procedure presents instructions for the use of Alpha HP cleaner/disinfectant by Diversey, Inc. SOHS only uses Alpha HP to clean and disinfect bathrooms in the EHS program.

Background

The Environmental Protection Agency (EPA), a US government agency, tests if a product kills germs and checks if it poses unreasonable health hazards. Only products with EPA registration numbers on the label can make public health claims. If a product is not registered as a sanitizer or disinfectant with the EPA, it can only be relied on for cleaning and not for killing germs. Alpha HP is an EPA registered pesticide. It is a violation of federal law to use
this product in a manner inconsistent with its labeling. It is relatively safe and non-toxic and meets important criteria for use in childcare settings, including all state and local requirements. It is not an asthma promoter nor does it include added fragrances that often contain toxic chemicals.

**Directions**

All staff must read the Safety Data Sheet and the EPA label for Alpha HP before using it for the first time. If there are any questions or uncertainties regarding its use please contact your Supervisor or the SOHS Safety Compliance Officer.

**Dilution:**

1.1 Alpha HP is a concentrated cleaner/disinfectant that requires dilution before using. Each container of Alpha HP has a dilution mechanism permanently affixed to the top of the container. It can’t be removed.
1.2 All users MUST wear chemical splash-proof goggles (not safety glasses) or full-face shield and chemical resistant gloves when diluting Alpha HP into a spray bottle or bucket. This protective equipment is not required when using diluted Alpha HP, but anyone can use it if they want to.
1.3 Gather the Alpha HP product container, the water hose and the spray bottle or bucket you wish to fill and go to the sink or tub that has the hose connection adapter on the faucet.
1.4 Make sure the green quick connect fitting is tightly screwed onto the male end of the hose by the black shut-off valve.
1.5 Attach the water hose to the Alpha HP container by pulling back the green quick connect and pushing it onto the short fitting on the back of the fill mechanism. It should snap into place securely.
1.6 Screw the other end of the water hose tightly onto the faucet adapter.
1.7 Open the black shut-off valve near the green quick-connect by moving it so the long axis of the valve is aligned with the hose.
1.8 Turn the yellow knob on the front of the fill mechanism from off - the black circle with a line through it- to the red 1:64 spray bottle symbol. Move the symbol to the top, so the small yellow arrow on the trigger is pointing to the small line under the red spray bottle symbol. You will always use the 1:64 dilution which provides two ounces of concentrated disinfectant to 64 ounces of water.
1.9 Turn the cold water on. If there are any water leaks in the line tighten or turn off and make sure all hose gaskets are in place.
1.10 Place the long nozzle on the dilution mechanism into a spray bottle or bucket.
1.11 Hold the bottle of concentrate firmly at a safe distance from the face.
1.12 Push down on the yellow trigger on top to fill the container to a level you desire and release the trigger.
1.13 Shut the water off at the sink.
1.14 Close the black shut-off valve on the hose to a position perpendicular to the water hose.
1.15 Turn the yellow dilution knob back to off – black circle with a line through it.
1.16 Put the end of the hose into the sink and open the black shut-off valve to drain the hose, and remove the hose and store it.
1.17 This disinfectant is stable in closed containers for up to 90 days. However, the Oregon Health Authority has a testing criteria that must be followed. Test a diluted batch of Alpha HP regularly once per week using the instructions with the test low-range indicator strips provided. Compare the color on the strip to the key in the instructions for 700ppm. If the test fails, test another batch. If it fails again, contact the Safety Compliance Officer.

1.18 All secondary container spray bottles must have an approved, laminated label taped to the bottle. Buckets for daily use do not need labels affixed.

Use:

1.19 These use directions do not replace the use directions on the label. They are only repeated here to help users understand them.

1.20 Alpha HP functions as a one-step cleaner/disinfectant. Heavily soiled areas and those contaminated with blood or bodily fluids must be pre-cleaned. All other areas to be disinfected do not need pre-cleaning, including floors. Clean and disinfect bathroom sinks, cabinets, walls, toilets and any other objects in bathrooms by spraying the diluted solution on the surfaces. Scrubbing or washing with brushes or cloths will remove dirt, grime, body oils and other common soils.

1.21 Allow the disinfectant to remain for at least 10 minutes.

1.22 If surfaces that will be handled or touched are not dry when the 10 minutes is up, wipe with a cloth and let air dry. On surfaces that required scrubbing, wiping also removes any dislodged foreign materials.

1.23 If a bathroom floor is small, the spray can be applied directly to the floor. If a larger floor is to be disinfected diluted solution in a bucket can be used and follow the SOHS damp mop procedure, and let air dry. If liquid is still present after 10 minutes, use a damp floor mop to wipe and let air dry. If any floor has visible heavy soiling, it should be cleaned first with general or floor cleaner.

Storage and Disposal:

1.24 Store Alpha HP in a cabinet or room secured with a lock or child-proof latch. Disposal is usually not necessary – use all of the product in each container. Empty product containers are non-refillable and may be placed in trash bags and put in the trash.