Boost™ 3200 - Disinfectant Cleaner
Boost™ 3201 - Adjuvant

PRODUCT DESCRIPTION
Boost™ 3200 and Boost™ 3201 are a two-part solution to effectively disinfect food contact equipment and surfaces. It also helps to remove and control biofilm and other organic contaminants that are commonly found in drains, pipes, and hard-to-reach trunk lines.

BENEFITS
Saves Time and Money
- No scrubbing required
- Cost-competitive with other solutions
- Easy to use, concentrated, 2-part liquid

Promotes Quality Assurance
- EPA-registered, patented technology is specially formulated to penetrate and remove biofilm while acting as a Bactericide, Slimicide, and Algicide
- Allows for microbiocidal activity past the trap and full 360° coverage of the entire drain line
- Kills bacteria that may cause odors
- Effective against mold and mildew
- Used as a one-time treatment or rotational maintenance program
- Differentiated application to reduce high sporadic microbial counts

Convenient and Safer to Use
- Easy and effective foam or pour directly into drains and trunk lines application

Environmental Implication
- Non-acid, non-volatile
- Phosphate free
- Can be flushed into sanitary waste systems

PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Boost 3200</th>
<th>Boost 3201</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>clear</td>
<td>clear</td>
</tr>
<tr>
<td>Odor</td>
<td>mild</td>
<td>none</td>
</tr>
<tr>
<td>Foam</td>
<td>moderate</td>
<td>none</td>
</tr>
<tr>
<td>Spec. Grav. @ 68°F (20°C)</td>
<td>1.0-1.03</td>
<td>1.15-1.2</td>
</tr>
<tr>
<td>pH at 1% solution</td>
<td>5.06</td>
<td>11.21</td>
</tr>
<tr>
<td>Phosphorus</td>
<td>Formula ingredients contain no phosphorus.</td>
<td>Formula ingredients contain no phosphorus.</td>
</tr>
</tbody>
</table>

BOOST 3200 ACTIVE INGREDIENTS:
n-Alkyl (C_{14} 60%, C_{16} 30%, C_{12} 5%, C_{18} 5%)
  dimethylbenzyl ammonium chloride ........................................................... 3.00%
n-Alkyl (C_{12} 68%, C_{14} 32%)
  dimethylethylbenzyl ammonium chloride .................................................. 3.00%
Hydrogen peroxide ....................................................................................... 6.30%

INERT INGREDIENTS: .................................................................................. 87.70%
TOTAL: ........................................................................................................ 100.00%

DIRECTIONS FOR USE
Please use as directed on the product container label.

<table>
<thead>
<tr>
<th>Foamer type</th>
<th>Water capacity</th>
<th>Foam generated</th>
<th>Approx. No. of treated drains</th>
<th>Recommended drain attachment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual pump-up</td>
<td>2 gallons</td>
<td>20 gallons</td>
<td>8-10 drains</td>
<td>Part #9408-2009</td>
</tr>
<tr>
<td>Air operated</td>
<td>25 gallons</td>
<td>250 gallons</td>
<td>140-150 drains</td>
<td>Part #9408-2010</td>
</tr>
</tbody>
</table>

Compatibility Chart for mixtures of Boost 3200 and Boost 3201

<table>
<thead>
<tr>
<th>Metals</th>
<th>Liquid Solutions 1 &amp; 2a</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Steel</td>
<td>Compatible</td>
</tr>
<tr>
<td>304 Stainless</td>
<td>Compatible</td>
</tr>
<tr>
<td>316</td>
<td>Compatible</td>
</tr>
<tr>
<td>Cast Iron</td>
<td>Compatible</td>
</tr>
<tr>
<td>Galvanized</td>
<td>Darkening observed over time</td>
</tr>
<tr>
<td>Copper</td>
<td>Darkening observed over time</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metals</th>
<th>Liquid Solutions 1 &amp; 2a</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass</td>
<td>Darkening observed over time, alloys with &gt;30% Zinc may also experience weight loss</td>
</tr>
<tr>
<td>Bronze</td>
<td>Darkening observed over time</td>
</tr>
<tr>
<td>Aluminum</td>
<td>Some grades showed pitting over time</td>
</tr>
<tr>
<td>Titanium</td>
<td>No information</td>
</tr>
</tbody>
</table>

*Note: a = Rating is for mixture only.*
Boost 3200 - Disinfectant Cleaner & Boost 3201 - Adjuvant

DIRECTIONS FOR USE CONT.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For disinfectant and public health use sites, this is part one of a two-part product and must be used with Boost 3201.

For biocide and non-public health use sites, the use of Boost 3201 may not be required.

Please consult the directions for use for specific instructions.

DISINFECTION: Boost 3200, when mixed with Boost 3201, is a one-step, hospital-use disinfectant at 0.2% fl. oz. (tech, Boost 3200) per gallon of water, and 0.2% fl. oz. of Boost 3201 per gallon of water according to the current AOAC Use-Dilution Test Method presented in the presence of 400 ppm hardness and 5% organic matter against Pseudomonas aeruginosa, Staphylococcus aureus - Methicillin Resistant, Salmonella enterica, Eschericha coli O157:H7, and Listeria monocytogenes.

Disinfection of food processing equipment and hard surfaces in food processing facilities, breweries, wineries, and other beverage manufacturing facilities, restaurants, bars, cafeterias, institutional kitchens, convenience stores, food preparation areas, food storage areas and food service areas:

NOTE: Before use in federally inspected meat and poultry food processing plants and dairy, food products, packaging materials must be removed from the room or carefully protected.

Follow all applicable local health and sanitation codes for sanitizing food processing equipment post-disinfection.

APPLICATION INSTRUCTIONS FOR SURFACES:

1. Remove gross filth and soiling from all articles using a pre-flush, or pre-scarp and, if necessary, presoak.
2. Add 12.8 fl. oz. of Boost 3200 and 12.8 fl. oz. of Boost 3201 to 1 gal. tap water in an appropriate plastic container and stir.
3. Thoroughly wet surfaces with use-solution by pouring, wiping, scrubbing, spraying with a coarse trigger sprayer, sponging, immersion, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
4. Allow surfaces to remain wet for at least 10 minutes.
5. Rinse all surfaces thoroughly with a potable water rinse.

PRE-CLEANING INSTRUCTIONS (OPTIONAL STEP):

Although Boost 3200 promotes cleaning and disinfection, pre-cleaning may be desired for some surfaces in certain cases.

1. Prepare a pre-cleaning solution by adding 3 – 6 fl. oz. of Boost 3200 and an amount of Boost 3201 to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth to be pre-cleaned.
2. Clean surfaces with pre-cleaning solution by starting, wiping, brushing, scrubbing, spraying a coarse trigger sprayer, sponging, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
3. Before disinfecting rinse all surfaces thoroughly with a potable water rinse.

DISINFECTION OF POULTRY HOUSE PREMISES, POULTRY HOUSE EQUIPMENT AND HATCHERIES:

Remove all poultry and feed from premises, trucks, coops, and crates.

1. Remove all litter and droppings from floors, walls and surfaces with soap or detergent and rinse with potable water before reuse. For continuous, or semi-continuous, low level dosage of Boost 3200, add 1 oz. to 2 oz. (8-165 ppm) Boost 3200 per 1000 gallons of water (and if cleaning is desired or the pH of the solution is below 8, Boost 3201 at the rate of 1 to 3 times the volume of Boost 3200 should be employed every 2 to 5 days as needed. The frequency of addition depends on the relative amount of bleed-off, the quality of the makeup water and rate of inflow of airborne or other contaminants. Slugs additions should be made in the form of water concentrates. (Not for Use in California)

Continuous Dose:

For continuous, or semi-continuous, low level dosage of Boost 3200, add 1 oz. to 2 oz. (8-165 ppm) Boost 3200 per 1000 gallons of water (and if cleaning is desired or the pH of the solution is below 8, Boost 3201 at the rate of 1 to 3 times the volume of Boost 3200) should be employed every 1 to 5 days as needed. The frequency of addition depends on the relative amount of bleed-off, the quality of the makeup water and rate of inflow of airborne or other contaminants. Slugs additions should be made in the form of water concentrates. (Not for Use in California)

Routine Dose, when microbial control is evident:

Subsequent slug additions of 5 oz. to 64 fl. oz. (40-500 ppm) Boost 3200 per 1000 gallons of water (and if cleaning is desired or the pH of the solution is below 8, Boost 3201 at the rate of 1 to 3 times the volume of Boost 3200) should be employed every 2 to 5 days as needed. The frequency of addition depends on the relative amount of bleed-off, the quality of the makeup water and rate of inflow of airborne or other contaminants. Slugs additions should be made in the form of water concentrates. (Not for Use in California)

STATEMENT OF ASSURANCE

This product is effective under the intended conditions of use as outlined on the product label or specified in a Sanitation Standard Operating Procedure (SSOP).

SANTIZING OXIDIZING AGENT

ALKALINE ADJUVANT

FOR USE AS A BACTERICIDE, SLIMICIDE, MILDEWSTAT AND ALGICIDE. PENETRATES AND REMOVES BIOFILM AND OTHER ORGANIC CONTAMINANTS. RECIRCUULATING COOLING TOWERS, EVAPORATIVE CONDENSERS, DIAMON SWEET WATER SYSTEMS AND BREWERY PASTEURIZERS.

Effectively removes and controls biofilm in commercial and industrial cooling towers, influent water systems such as flow-through filters, and heat exchange water systems. (Not for Use in California)

DOSAGE RATES: Initial dose for badly fouled systems:
Add 1 to 3 gal. (3000-6000 ppm) Boost 3200 per 1000 gallons of water (and if cleaning is desired or the pH of the solution is below 8, Boost 3201 at the rate of 1 to 3 times the volume of Boost 3200)

Routine Dose, when microbial control is evident:

Subsequent slug additions of 28 to 128 fl. oz. (2250-10,000 ppm) Boost 3200 per 1000 gallons of water and if cleaning is desired or the pH of the solution is below 8, Boost 3201 at the rate of 1 to 3 times the volume of Boost 3200 should be employed every 1 to 5 days as needed. The frequency of addition depends on the relative amount of bleed-off, the quality of the makeup water and rate of inflow of airborne or other contaminants. Slugs additions should be made in the form of water concentrates. (Not for Use in California)

DOSAGE RATES: Initial dose for badly fouled systems:

This product can be poured, foamed, wiped, brushed, applied using a clean in place (CIP) system, pumping it through the system or mopping. Apply from 6 fl. oz to 15 fl. oz. Boost 3200 per gallon of water to drink. Repeat until control is evident. Optionally, pour from 1 oz. 3200 around or into one inch diameter or smaller drains up to 90 fl. oz. 3200 around or into three- inch diameter drains. If cleaning is desired, add simultaneously Boost 3201 at the same volume as Boost 3200 (1-90 fl. oz). For foam cleaning, add 6-15 oz. Boost 3200 and an equal amount of Boost 3201 per gallon of water to a foaming device and foam the mixture into the drain.

Subsequent Dose: When microbial control is evident, subsequent additions of 16 fl. oz. Boost 3200 per gallon of water should be employed every 7 days or as needed. This product can be poured, foamed, wiped, brushed, applied using a clean in place (CIP) system, pumping it through the system or mopping. If cleaning is desired, add simultaneously Boost 3201 at the same volume as Boost 3200 (1-6 fl. oz) per gallon of water. Optionally, subsequent additions of 1.5 fl. oz. Boost 3200 into the drain at the rate of 1 to 3 times the volume of Boost 3200 should be employed every 7 days or as needed. If cleaning is desired, add simultaneously Boost 3201 at the same volume as Boost 3200 (1-6 fl. oz).

For foam cleaning, add 1 - 6 oz. Boost 3200 and an equal amount of Boost 3201 per gallon of water to a foaming device and foam the mixture into the drain.

For USE AS A BACTERICIDE, SLIMICIDE, MILDEWSTAT AND ALGICIDE. PENETRATES AND REMOVES BIOFILM AND OTHER ORGANIC CONTAMINANTS. RECIRCUULATING COOLING TOWERS, EVAPORATIVE CONDENSERS, DIAMON SWEET WATER SYSTEMS AND BREWERY PASTEURIZERS. Effectively removes and controls biofilm in commercial and industrial cooling towers, influent water systems such as flow-through filters, and heat exchange water systems. (Not for Use in California)

DOSAGE RATES: Initial dose for badly fouled systems:
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