

# Dilution Control System

Excellence in  
Super Concentrated  
Chemistry and  
Dispensing



 **ESSENTIAL<sup>®</sup>**  
**INDUSTRIES**

Dilution

D<sup>1</sup>

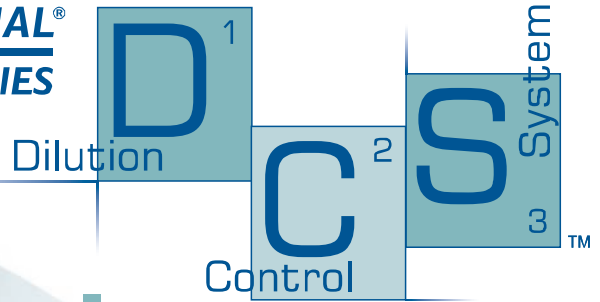
Control

C<sup>2</sup>

S<sup>3</sup> System

™





# Dilution Control System



Essential Industries' DCS Dilution Control System combines environmentally responsible products with versatile dilution control equipment to provide your facility with safe, effective, economical cleaners.

## Environmentally Responsible Products That Work



The nine cleaners developed for DCS offer unparalleled performance and utilize three innovative technologies: dynamic surfactant; polymeric surfactant and acid replacement technology. Five of the formulations meet the rigorous GS-37 Standard and are *Green Seal Certified*. All nine are safe and environmentally responsible.



- Non-corrosive
- Glycol-ether-free
- Non-ozone depleting/VOC-free
- Non-carcinogenic
- Non-combustible
- Non-sensitizing
- Non-phosphorus

These super concentrated products offer reduced packaging, lower transportation costs (energy consumption), reduced waste and provide for easier handling. (See back cover for a more detailed analysis of product specifications and GS-37 listing).

# Dilution Control That's Versatile

## Multi-Flow Capabilities

- 1 or 4 gallons per minute dispensing flow from same unit.
- Uniform dilution with push button accuracy ensures consistent product performance.
- Chemical flows only when water flows.
- Separate ports for bucket/equipment and bottle filling.



## Multi-Chemical Dispensing

- Same unit dispenses all super concentrated chemistries.
- New draw tube in every bottle assures reliable product delivery and will not drip.
- Numerically color-coded labels with icons easily identify product and usage.
- Two-liter bottle easily snaps in and out of unit.
- Wall-mounted epoxy-coated rack holds four bottles next to unit for convenience.






## Wall-Mounted and Portable

- Wall-mounted unit has compact profile and easily mounts anywhere.
- Meets water authority regulations to prevent water supply contamination.
- Portable unit provides same features along with usage flexibility throughout the facility.



# DCS Products

● = Spray bottle    ● = Equipment (buckets, scrubbers)

Product Number	Product Code	Product Name	Description	Dilution Rate Color/Fragrance	Typical Usage	Green Seal
<b>41</b>	2741-2L4	<b>Glass Advantage</b>	Streak-free powerful all surface formulation for glass, mirrors, stainless steel and plastic.	1:32 Blue/Bland	●	
<b>42</b>	2742-2L4	<b>Ultra Spray Cleaner</b>	Powerful non-butyl spray and wipe cleaner that breaks up grease and soils on contact.	1:32 Green-Yellow/Herbal	●	
<b>43</b>	2743-2L4	<b>Daily Restroom Cleaner</b>	Non-acid formula cleans and brightens chrome, stainless steel, porcelain and plastic surfaces.	1:32 Pink/Floral	●	
<b>44</b>	2744-2L4	<b>Heavy-Duty Restroom Cleaner</b>	Weekly maintenance cleaner for areas with hard water and soap scum build-up. Fast-acting, free-rinsing. Utilizes acid replacement technology to work like a strong acid without the hazards.	1:32 Red/Lime	●	
<b>45</b>	2745-2L4	<b>Deodorizer</b>	Pleasant potpourri fragrance eliminates smells and leaves a clean, fresh scent.	1:32 Purple/Potpourri	●	
<b>46</b>	2746-2L4	<b>Neutral Cleaner Plus</b>	Neutral pH no-rinse cleaner removes soiling from floors without damaging floor finishes.	1:256 1:64 Green/Fresh	● ●	
<b>48</b>	2748-2L4	<b>Multi-Purpose Cleaner</b>	All purpose cleaner for manual and equipment use on all washable surfaces. Low foam makes this an excellent cleaner for use in scrubbers.	1:256 1:64 Dark Red/Bland	● ●	
<b>49</b>	2749-2L4	<b>Neutral Germicidal Cleaner</b>	Neutral, low foam, disinfectant cleaner, fungicide and virucide for all hard surfaces. Does not dull floor finishes. Effective against HIV-1, MSRA and VRE.	1:128 Light Green/Herbal	● ●	
<b>50</b>	2750-2L4	<b>Restroom Cleaner and Disinfectant</b>	Cleans, disinfects and deodorizes walls, floors, toilets, tables and water-washable surfaces.	1:64 Orange/Lemon	● ●	

Four, two-liter bottles are packaged per case. Dispensing unit and wall-mounted rack are packaged individually.

## Environmental/Safety Profile

	41	42	43	44	45	46	48	49	50
Green Seal GS-37	Yes	Yes	Yes	No	No	Yes	Yes	No	No
Biodegradability <sup>1</sup>	Yes	Yes	Yes	No	No	Yes	Yes	No	No
Phosphate-Free <sup>2</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Non-Corrosive <sup>3</sup>	Yes	Yes	Yes	Yes*	Yes	Yes	Yes	Yes	Yes
Non-Toxic <sup>4</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No**	No**
VOC-Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Combustible <sup>5</sup>	No	No	No	No	No	No	No	No	No
Contains APE/NPE <sup>6</sup>	No	No	No	No	No	No	No	Yes	Yes
Contains EDTA <sup>7</sup>	No	No	No	No	No	No	No	Yes	Yes
Contains Glycol Ethers <sup>8</sup>	No	No	No	No	No	No	No	No	No
Petrochemical Derived	No	No	No	No	No	No	No	Yes	Yes
pH	10.3	7.5	7.5	1.0	7.4	6.5	10.4	6.5	11.4
Recyclable Packaging	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

### Definitions of Criteria

- 1 Indicates that the ingredients used in these products are biodegradable in the environment as well as in wastewater sewage treatment plants according to the Organization for Economic Cooperation and Development (OECD) Guidelines for Testing of Chemicals.
- 2 Contains <0.50% Phosphorous per Green Seal (GS-37) requirements and New York Environmental Conservation Law (Article 35, Title 6, Section 659.3).
- 3 Meets OSHA Hazard Communication Standard and meets/is exempt from DOT Hazardous Material Regulations (49 CFR 173.136).
- 4 Meets the requirements put forth by the Organization for Economic Cooperation and Development (OECD) Guidelines for Testing of Chemicals as outlined by Green Seal (GS-37).
- 5 Indicates the flashpoint in >150°F per Green Seal (GS-37) requirement 4.5.
- 6 Nonylphenol ethoxylate (NPE) and Alkylphenyl-ethoxylates (APEO).
- 7 Sodium ethylenediaminetetraacetic acid (EDTA)
- 8 Includes butyl (2-butoxyethanol) and all other "e" and "p" series glycol ethers.

\* Non-corrosive to skin as defined and tested in accordance with the U.S. OSHA Hazard Communication Standard, DOT Hazardous Material Regulations, Canada's WHMIS and TDG regulations. This material is corrosive to aluminum only.

\*\*Due to the inherent nature of quaternary-based disinfectants, they will not meet OSHA Hazard Communication Standard (29 CFR 1910 Subpart Z).



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