

## BULLETIN

NO.: 23-044  
DATE: March 22, 2023  
TO: All Personnel  
FROM: James Gaboury, Deputy Chief, Logistics Division  
David Picone, Battalion Chief, Health and Safety Officer  
SUBJECT: Installation of Waxie "Green" Cleaning - Easy Dilution Control Stations

In partnership with the Logistics Division, the Occupational Health and Safety Committee (OHSC) is excited to begin the rollout of a long-awaited change in how we manage the cleaning of San Diego Fire-Rescue facilities. Starting in March 2023, Logistics Division and Waxie will begin the installation of "Easy Dilution Control Stations" at all Fire-Rescue Facilities.

### **Background:**

Many hazardous cleaning chemicals have long been available in COSD facilities and have continuously changed based on price and availability. These "Legacy" cleaning products often arrive in bulk containers requiring employees to mix or dilute to various ratios, properly label secondary containers and manage the correct use and storage of dozens of chemicals. With such a wide array of ever-changing chemicals, management of Safety Data Sheets (SDS) is also highly challenging.



In 2019, the OHSC recognized the need to review, modify and update management of these "Legacy" chemicals to protect our employees better and improve Hazardous Communication Standard (HSC/HazCom) Compliance. In Fall of 2020, the OHSC initiated a Pilot Study with "Green" cleaning products dispensed by an Easy Dilution Control Station with positive results and employee feedback.

With the support of Logistics, COSD Risk Management, Environmental Services, and Central Stores, the OHSC is excited to roll out a Safer, Greener, and more cost-effective way of cleaning not only Fire-Rescue Facilities but is expected to be the future of cleaning chemical use for the entire City of San Diego. Over the coming weeks, all Fire-Rescue & Lifeguard facilities will have an Easy Dilution Control (EDC) wall-mounted dispensing cabinet installed. These EDC cabinets will hold and properly dispense from four pre-selected concentrates that have been selected to cover most of the facility, apparatus, and equipment cleaning needs.

### **Training:**

- [OHSC Easy Dilution Control System Part 1](#)
- [OHSC Easy Dilution Control System Part 2](#)

Effective immediately, stations/crews are directed to suspend ordering existing "Legacy" chemicals and **USE** current stock. Once all units have been installed, logistics will advise **how and when** to package unused cleaning products for pickup.

The following list of approved concentrates is available from Central Stores and can be ordered during normal monthly station orders. In addition, stations will need to order new spray bottles and request labels for compliance with Cal/OSHA Title 8, 5192 HCS.

COSD Stock Number	Unit of Issue		Material Description
22102277	Each = 1/2 Gallon	EDC #13 - Orange	Cleaner Degreaser (Waxie 320027)
22102275		EDC #43 - Grey	HP Multi-Purpose Cleaner (Waxie 321195)
22102276	Case = Four 1/2 Gallons	EDC #70 - Blue	HP Disinfectant (Waxie 171200)
22102274		EDC #93 - Yellow	Multi-Surface Cleaner - Spring Mint (Waxie 321197)
22040500	Each		Sprayer w/ Plastic Bottle 24-32oz
	Each	EDC #13 - Orange	Waxie Label # 13- Spray Bottle
	Each	EDC #43 - Grey	Waxie Label # 43- Spray Bottle
	Each	EDC #70 - Blue	Waxie Label # 70- Spray Bottle
	Each	EDC #93 - Yellow	Waxie Label # 93- Spray Bottle

**References:**

- [OSHA Hazardous Communication Standard](#)
- [A Guide to The Globally Harmonized System of Classification and Labeling of Chemicals, United Nations](#)
- ["California Code of Regulations, Title 8, Section 5194, Hazard Communications"](#)
- [Waxie Solution Station Dilution Control System](#)
- <https://www.cdc.gov/niosh/topics/hierarchy/default.html>

**Additional Video Links:**

- EDC- Mobile training and usage
  - <https://youtu.be/gNcA6Cbc-NE>
- EDC Chemizer-4 locking wall cabinet
  - [https://youtu.be/e\\_B9w90n8bo](https://youtu.be/e_B9w90n8bo)

Don't hesitate to contact the Health and Safety Office at [SDFDHealth&Safety@sandiego.gov](mailto:SDFDHealth&Safety@sandiego.gov) with comments or areas of improvement. For all other questions, please contact the Cancer and Health Coordinator, engineer Kyle O'Neill at [koniell@sandiego.gov](mailto:koniell@sandiego.gov).



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