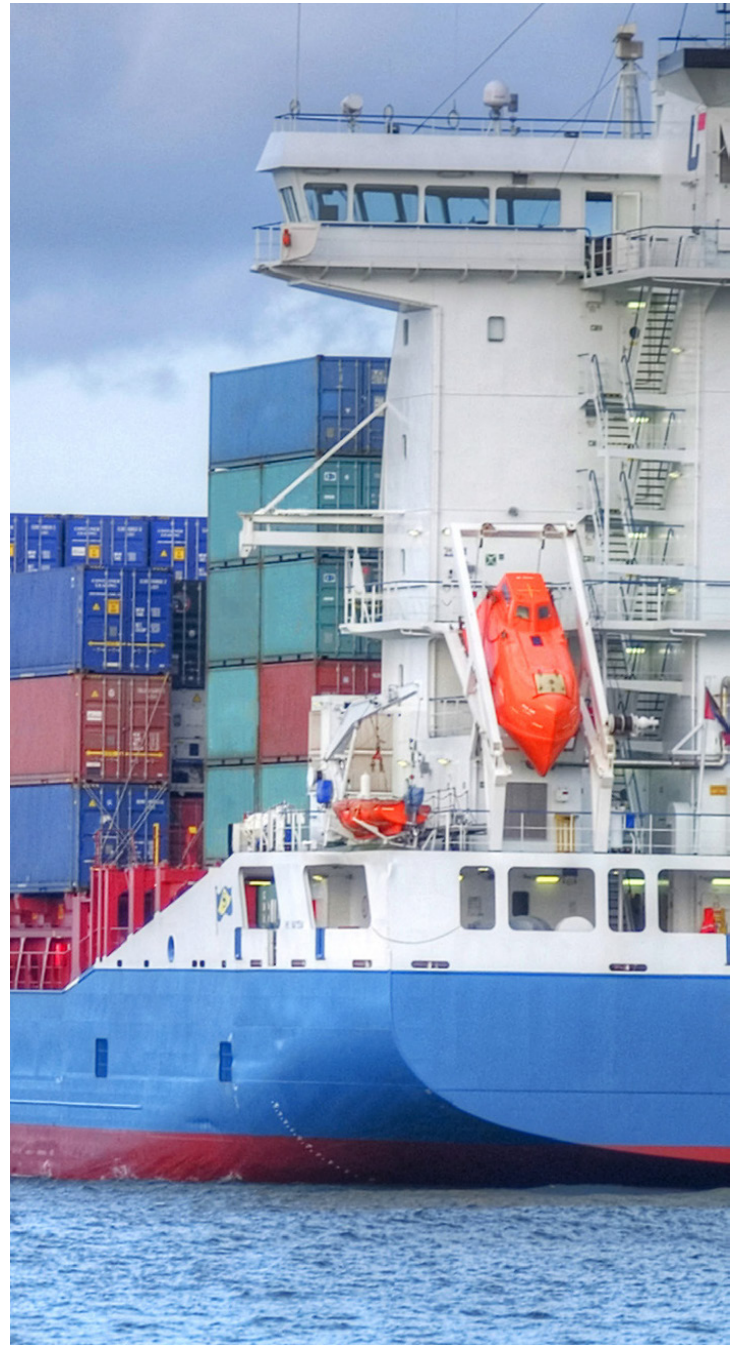




Drew Marine®

CREW CARE® Accommodation Cleaning Program



ACCOMMODATION CLEANING PROGRAM OVERVIEW

For over 95 years Drew Marine has been the provider of onboard maintenance programs. We understand the need to pursue environmentally and technologically superior solutions to meet today's regulatory requirements as well as meet crew safety concerns and environmental initiatives.

Seafarers play a vital role in the lives of everyday people. Through their steadfast effort and sacrifices, seafarers deliver the food, fuel, and commodities consumed by the world. The Drew Marine CREW CARE Program was developed with the welfare of these vital seafarers in mind, producing cleaner, safer, and healthier living spaces for the crew, while at the same time being a cost-effective solution.

The CREW CARE Program is a game changer.

Traditional cleaners often contain harsh acids, alkalis, and petroleum distillates. Certain cleaners are hazardous, difficult to manage and store in crew's living spaces, and affect indoor air quality as they often emit irritating fumes and particulates.

Utilizing the latest technology in biobased chemistry and superior chemistry management, the CREW CARE Program emphasizes green cleaning. How cleaning is carried out and what is used to clean has a direct impact on indoor air quality and ultimately, the crew's welfare. CREW CARE delivers a cost justified solution that addresses crew welfare, safe and healthy living conditions, ship sanitation, corporate social responsibility, and sustainability. Moreover CREW CARE is cost-effective. **People - Planet - Profit**

The CREW CARE Program includes:

- A simple, marine-specific, and tested manual detailing cleaning, disinfecting and sanitizing routines;
- Safety Data Sheets for all products;
- Maintenance free dispensers;
- Simple color-coded/number-coded reference charts;
- Super-concentrated, biobased, effective, consistent and sustainable products; and
- Just in time delivery.

For more information about the CREW CARE Program, contact your Drew Marine representative.



Clean - Disinfect - Sanitize

CREW CARE Maintains Regulatory Compliance

- *International Health Regulations emphasize the need to establish cleaning programs onboard in order to maintain clean and sanitary living spaces/galleys.*
- *Port State review of established cleaning programs and inspection of living spaces may occur during their issuance of Ship Sanitation Certificates.*
- *Maritime Labor Convention, 2006 requires living spaces be maintained in clean, tidy conditions and requires frequent and documented inspections of living spaces.*
- *Don't be caught off-guard.*

ACCOMMODATION CLEANING PROGRAM OVERVIEW

A Three Tier Approach:

CREW CARE Accommodation Space Cleaning & Disinfecting

A complete, sustainable program for Accommodation Space cleaning. Implementation of the CREW CARE Program will ensure healthy hygienic conditions are maintained, not only in accordance with regulatory requirements, but will also contribute to crew welfare and satisfaction.



CREW CARE Dispensing Unit
PCN 1AB6098

CREW CARE Tough Job Cleaner
PCN 1AB3451

CREW CARE Surface & Glass Cleaner
PCN 1AB3450

CREW CARE Neutral Cleaner Disinfectant
PCN 1AB3452

CREW CARE Tough Job Cleaner RTU Spray Bottle
PCN 1AB3462

CREW CARE Surface & Glass Cleaner RTU Spray Bottle
PCN 1AB3461

CREW CARE Neutral Cleaner Disinfectant RTU Spray Bottle
PCN 1AB3463

CREW CARE Galley Cleaning & Sanitation

A complete, sustainable program for Galley and Food Preparation Area cleaning and sanitation. Utilizing the latest technology in biobased chemistry, and superior chemistry management, the CREW CARE Program emphasizes green cleaning.

CREW CARE Floor Care

Environmentally preferable floor care products that set a new standard in floor care with unrivaled environmental features and superior performance chemistry.



CREW CARE Dishwasher Detergent
PCN 1AB3454

CREW CARE Surface Sanitizer
PCN 1AB3455

CREW CARE Pot & Pan Cleaner
PCN 1AB3456

CREW CARE Oven & Grill Cleaner
PCN 1AB3457

CREW CARE Stainless Steel Cleaner
PCN 1AB3458

CREW CARE Food Handlers Hand Soap
PCN 1AB3459

CREW CARE Food Handlers Soap Dispenser
PCN 1AB3465

CREW CARE Foaming Hand Soap
PCN 1AB6127

CREW CARE Foaming Hand Soap Dispenser
PCN 1AB6128

CREW CARE Floor Finish
PCN 1AB4964

CREW CARE Floor Finish Enhancer
PCN 1AB4965

CREW CARE Floor Finish Remover
PCN 1AB4966

CREW CARE Laundry

Easy and sustainable laundry onboard without exposure to traditional harsh chemicals and with consistent, easily measured use.



CREW CARE TNW Laundry Detergent
PCN 1AB4571

SAFETY & SUSTAINABILITY

CREW CARE Program Description

The CREW CARE Program enables fleet wide standardization of accommodation cleaning products and enables standardization of crew training in their obligation to maintain hygienic conditions in accommodation spaces. The program endeavors to maximize the use of ingredients derived from renewable resources and delivers biobased products and third party green certification of products, where available. The program also contains a chemical management system, which reduces direct crew contact exposure to chemicals and optimizes chemical usage.

CREW CARE Chemical Management System

The chemical management system positively impacts crew, the environment, and profit, all of which are important pillars for sustainability programs. Chemicals are managed via dispensing systems and training tools.

Dispensing Systems

Through use of dispensing units, the program results in less chemical contact by the crew (people). Chemical dispensing is as important as the products chosen. The dispensing units mix ready-to-use products from super concentrates. Super concentrates use less packaging and require less transportation (planet) than ready-to-use products. The dispensing units and super concentrates comprise a closed system, resulting in exact portion control of chemicals, reduced crew exposure to chemical concentrates, and reduced cross contamination from mixing chemicals (people, planet, and profit). One dispenser is used for multiple products. The single dispenser for multiple products translates to uncomplicated training, maintenance, and use for and by the crew (people). Super concentrates dispensed into ready-to-use spray bottles, which are maintained onboard for repeated refills, also reduce the generation of plastic garbage and product waste (planet and profit). For ease of maintenance, dispensers contain no moving parts, are sturdy, and are relatively trouble-free (profit).

Training Tools

To ensure chemicals are properly selected and safely used in the correct application, the products in the program are color, number, and icon coded (people and profit). Application charts, showing the coding system, are provided for quick crew reference when making product selection. Training procedures are provided in a Step-by-Step Cleaning Guide, as are hand washing charts for galleys and sanitary facilities. Product labels are printed in multiple languages, and SDSs are also provided, to ensure the crew's understanding of chemical hazards and their proper use (people, planet, and profit).

CREW CARE Products

The CREW CARE products emphasize green cleaning. Green cleaning considers the health impact of cleaning products on crew and the environment while also seeking to improve crew hygiene habits to reduce the spread of germs (people and planet). Where possible, the CREW CARE line of products are 3rd party certified green by EcoLogo. The products contain biobased, renewable raw materials, and the product line is reviewed and reformulated, where possible, to a higher level of sustainability using more biobased raw materials.

EcoLogo is a multi-attribute certification. EcoLogo tells the story of a product's environmental performance throughout its entire life cycle. The voluntary standard indicates a product has undergone rigorous scientific testing, exhaustive auditing, or both to prove its compliance with stringent third-party performance standards, according to UL Environment, which owns EcoLogo. Product packaging uses recycled/recyclable packaging and super concentrates reduce amount of packaging on board.

These standards set metrics for a wide variety of criteria, including energy, manufacturing and operations, health and environment, product performance and use, and product stewardship and innovation. Thus, products with demonstrable, lifecycle-based environmental attributes not only qualify for acceptance into green cleaning programs, but they also tell the marketplace that the user is committed to environmental stewardship and the protection of human health.



Packaging

The CREW CARE products are packaged in corrugated cardboard outer packaging containing 100% post-consumer recycled product; plastic bottles for super concentrates are constructed with materials containing 20% pre-consumer recycled content; and all products are manufactured in recyclable HDPE #2 packaging. Super concentrates and refillable ready-to-use bottles reduce amount of plastic garbage generated on board.

CHEMISTRY

None of the CREW CARE products contain carcinogens, mutagens, or reproductive toxins. None contain phosphates. Two of the products contain caustics, but the higher alkalinity is necessary for the products' use in galleys, where they are used to remove baked-on oils, fats, and greases. The following table summarizes the green cleaning features of the CREW CARE products:

ACCOMODATION CLEANERS	PRODUCT CODE	DESCRIPTION
  <p>CREW CARE SURFACE & GLASS CLEANER</p>	<p>PCN 1AB3450</p>	<p>EcoLogo Certified; Biobased; Readily Biodegradable; Ammonia Free; Minimally Toxic, Concentrated; Portion Control Packaging; Recyclable Container*</p>
  <p>CREW CARE TOUGH JOB CLEANER</p>	<p>PCN 1AB3451</p>	<p>EcoLogo Certified; Biobased; Readily Biodegradable; Butyl Free; Minimally Toxic; Concentrated; Portion Control Packaging; Recyclable Container*</p>
 <p>CREW CARE NEUTRAL CLEANER DISINFECTANT</p>	<p>PCN 1AB3452</p>	<p>Readily Biodegradable; Highly Concentrated; Portion Control Packaging; Recyclable Container*; US EPA registered disinfectant; Product reviewed and registered by US EPA; When used as directed, product delivers antimicrobial action against bacteria, fungi, and viruses; Used to maintain hygienic conditions in shared living spaces</p>
DISPENSER	PRODUCT CODE	DESCRIPTION
 <p>CREW CARE DISPENSER HD</p>	<p>PCN 1AB6098</p>	<p>Easy to use dispenser that provides safe, accurate, and economical chemical management for the core cleaning products in the CREW CARE Program</p>












HDPE

CHEMISTRY

GALLEY CLEANERS	PRODUCT CODE	DESCRIPTION
 <p>CREW CARE POT & PAN CLEANER</p> 	<p>PCN 1AB3456</p>	<p>EcoLogo Certified; Readily Biodegradable; Biobased; Minimally Toxic; Concentrated; Recyclable Container*</p>
 <p>CREW CARE DISHWASHER DETERGENT</p>	<p>PCN 1AB3454</p>	<p>Concentrated; Biobased components; Readily Biodegradable; Recyclable Container*</p>
 <p>CREW CARE STAINLESS STEEL CLEANER</p>	<p>PCN 1AB3458</p>	<p>Biobased; Readily Biodegradable; Recyclable Container*</p>
 <p>CREW CARE SURFACE SANITIZER</p>	<p>PCN 1AB3455</p>	<p>Recyclable Container*; US EPA registered sanitizer; Product reviewed and registered by US EPA; When used as directed, product delivers sanitizing action against bacteria; Used to maintain hygienic conditions on food contact surfaces in galleys</p>
 <p>CREW CARE OVEN & GRILL CLEANER</p>	<p>PCN1AB3457</p>	<p>Concentrated; Recyclable Container*; Non-aerosol application</p>
 <p>CREW CARE FOOD HANDLERS HAND SOAP</p>	<p>PCN 1AB3459 Food Handlers Soap Dispenser PCN 1AB3465</p>	<p>Minimally Toxic; Closed system package to prevent cross contamination and to provide dosage control; No Added Dye Or Fragrance</p>



CHEMISTRY

FLOOR CARE	PRODUCT CODE	DESCRIPTION
 <p>CREW CARE FLOOR FINISH</p> 	<p>PCN 1AB4964</p>	<p>Free of endocrine disrupters, formaldehyde, or phthalates - EcoLogo Certified</p>
 <p>CREW CARE FLOOR FINISH ENHANCER</p> 	<p>PCN 1AB4965</p>	<p>Free of endocrine disrupters, formaldehyde, phthalates, or alkalis - Phosphate-free - EcoLogo Certified</p>
 <p>CREW CARE FLOOR FINISH REMOVER</p> 	<p>PCN 1AB4966</p>	<p>Concentrated formula - VOC Compliant (CARB) - Minimal impact on indoor air quality - Green Seal Certified</p>
HAND HYGIENE	PRODUCT CODE	DESCRIPTION
 <p>CREW CARE FOAMING HAND SOAP</p> 	<p>PCN 1AB6127 Foaming Soap Dispenser PCN 1AB6128</p>	<p>Maintains proper crew hygiene - Super-concentrated - ECOLOGO certified</p>
LAUNDRY DETERGENT	PRODUCT CODE	DESCRIPTION
 <p>CREW CARE TNW LAUNDRY DETERGENT</p>	<p>PCN 1AB4571</p>	<p>Phosphate Free; Chlorine Free; Minimally Toxic; Controlled dosage with Sachets; No Direct User Contact with Product</p>

OUR VISION

Drew Marine is the most trusted brand and preferred global resource for marine solutions that enhance the longevity and operating efficiency of ocean vessels.

OUR MISSION

To sustain the superiority of the Drew Marine brand by bringing environmentally and technologically superior products and services for the benefit of vessel owners and operators while increasing shareholder value.



Drew Marine

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