GreenScreen Certified™ for Medical Supplies & Devices

WEBINAR

NOVEMBER 16, 2022
Clean Production Action – solutions for a safer & healthier tomorrow
GreenScreen Certified™ for Medical Supplies & Devices

Shari Franjevic
GreenScreen Program Manager
Clean Production Action

Elizabeth Eldridge
Director, Sustainable Sourcing, Impact Spending
Kaiser Permanente

Rob Chase
Co-Founder and CEO
NewGen Surgical
Webinar Questions

Post your question to the Q&A section of your Zoom Control Panel

Presentation and recording will be available at greenscreenchemicals.org
Outline

1. Value of GreenScreen Certified to Purchasers
2. Value of GreenScreen Certified to Manufacturers
3. What is GreenScreen Certified and how to engage
4. Q&A
Why GreenScreen Certified?

- Independent, non-profit organization
- “Future-proof” products to rigorous criteria for chemical safety
- Easy to understand certification
- Avoids regrettable substitutes
- Aligns with Kaiser Permanente’s Environmentally Preferable Purchasing Requirements
GREENSCREEN CERTIFICATION
Purchasing Perspective

Elizabeth Eldridge
Director of Sustainable Sourcing
The Value of 3rd Party Certification for Buyers

- Independently verified data
- Streamlined data collection process
- Less resource intensive for both the buyer and the supplier
- Makes it easier to compare products
- Helps drive continuous improvement by identifying opportunities
SUSTAINABLY DESIGNED HEALTHCARE PRODUCTS BETTER FOR PEOPLE AND PLANET
The Value of the GreenScreen Certification to Manufacturers

NewGen Surgical 5500 cc Ring Basin

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Sustainability and ESG are now mainstream topics in society driven by Climate Change.

The need for industrywide decarbonization and the increasing awareness of chemicals of concern and their impact on Human Health and the environment is crucial.

Areas of focus for healthcare sustainability as it relates to manufactured products

- EPP- Environmentally Preferable Products
- Carbon Footprint & Lifecycle Assessment.
- Chemicals of Concern: Does your product contain materials and/or chemicals that are harmful to human health or the planet?
One Common Framework.

- The new GreenScreen Certified™ Standard for Medical Devices & Supplies requires all manufacturers and hospital purchasers to align values and provide product transparency as it relates to chemicals of concern. The standard has set the bar for the industry and provides a roadmap for how to create products that are healthier for patients, hospital staff, the community, and the supply chain.
Product Transparency

- Helps us with our mission for providing products that are healthier for people and the planet. If not focused on sustainability, it can contribute to ESG goals.
Transparency, Trust

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- **Customer Trust**
  Providing credibility and having the ability to back up our claims as it relates to this area.
Transparency, Trust, & Safety.

Product Transparency
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➢ Customer Trust
Providing credibility and having the ability to back up our claims as it relates to this area.

➢ Safety
Products that are GreenScreen Certified™ will communicate that the given product is safe for both people and the planet.

Throughout the supply chain, from raw material sourcing, production, use, and end of life, you will have a product that is safe on all fronts.
Elevates Organizations to Higher Standard

**Raises the bar internally & externally**
- Improved processes around material selection and use.
- Increases awareness of product ingredients and what is acceptable and what is not.
- Raises organizational understanding of sustainability and how to achieve it.
- Your organization can be seen as a leader in the sustainability movement.
Elevates Organizations to Higher Standard

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Improved Product Development Process

- Forces product development team to start thinking about the chemicals in our products.
- Material and supplier qualification; bringing on a new supplier or new contract manufacturer, material transparency and supply chain transparency becomes a critical qualifier for approval.
Small Changes Lead to Big Impact

**Greening the Supply Chain**
- Small changes in the materials add up to significant impacts in shifting the healthcare supply chain to healthier materials.
Greening the Supply Chain

- Small changes in the materials add up to significant impacts in shifting the healthcare supply chain to healthier materials.

- Supports improved health equity for communities where manufacturing takes place because you’re shifting the demand for unhealthy inputs to healthier inputs.
Future Proofing your Product Portfolio

- Product differentiation. Sustainable product attributes provide a value with which to differentiate from your competition.

**Plant-Based Ring Basin, 5500cc**
Reduce plastic, chemicals of concern, and CO₂e with products made with upcycled sugarcane bagasse.

- 100% Plant-Based
- EO Sterilizable
Future Proofing your Product Portfolio

- Product differentiation. Sustainable product attributes provide a value with which to differentiate from your competition.

- The GreenScreen badge can be featured prominently on the product sheet to communicate sustainable attributes.
Future Proofing your Product Portfolio (cont’d)

- Designing and bringing to market products with attributes that consumers are increasingly interested in.
  - Improved sales and market share position.

“We use our buying power to change the marketplace and promote greener, healthier, more sustainable products.”

CommonSpirit CEO to Co-Chair New Coalition in Support of Climate Action
Future Proofing your Product Portfolio (cont’d)

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- Opportunity to create new intellectual property by rethinking and revisioning a company’s product around sustainability.

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Lloyd H. Dean

America is ALL IN
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- These efforts support corporate ESG initiatives and reporting.

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- These efforts support corporate ESG initiatives and reporting.

- Reduces risk in a changing regulatory landscape, where manufacturers are held responsible for negative environmental impacts associated with their products.

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Next Steps

Surgical Basin & Bowls

Procedure Kit Packaging Trays

Patient Care Products and Admission Kit

Needle Counters

Medical Packaging

Surgical Skin stapler
What is GreenScreen Certified™ and How to Engage

SHARI FRANJEVIC
GREENSCREEN PROGRAM MANAGER
SHARI@CLEANPRODUCTION.ORG
Standard for Medical Supplies & Devices

Technical Peer Reviewers

Carol Summers, NewGen Surgical
Elizabeth Eldridge, Kaiser Permanente
Hannah Anderson, Medline Industries, Inc.
Joel Sigler, Kaiser Permanente
Kyle Tafuri, Hackensack Meridian
Maria Nagel, MD, University of Colorado Medical School
Michael Turturro, Medline Industries, Inc.
Monica Nakielski, Blue Cross Blue Shield of Massachusetts

Paul Ciccone, WilMarc Medical
Rob Chase, NewGen Surgical
Ron Hart, PhD, Former Executive Director, National Center for Toxicology Research at FDA
Ted Schettler, MD, MPH, Science and Environmental Health Network (SEHN)
Yoav Einy, Vizient
Simplifying the Complexity of Chemical Hazard

To support informed, proactive, and precautionary decision-making

Chemicals

Products
GreenScreen: Globally Recognized & Used

LEVI STRAUSS & CO.

Oregon Health Authority

Google

H&M

Apple

U.S. GREEN BUILDING COUNCIL
LEED
USGBC

DEPARTMENT OF ECOLOGY
State of Washington

Ø ZDHC
Zero Discharge of Hazardous Chemicals
Facilitates Communication

Purchasers & Users

Manufacturers
What can be certified?

- Medical Devices – FDA Class I
- Medical Devices – FDA Class II
- Medical Device Accessories
- Durable Medical Equipment
- Consumable Medical Supplies
- Materials used in the above
What cannot be certified?

• Medications
• Medical Devices – FDA Class III
Disclosure under Confidentiality

All **materials** present in the product at any level must be disclosed under confidentiality.

E.g., polypropylene, steel, nylon fabric, adhesive

All **chemicals** present in all materials must be disclosed – requirements depend on certification level.
Chemicals Disclosed

List of Chemicals
≥ 100 ppm in homogeneous material

Supplier Declaration
Compliance with Restricted Substances List

Gold+ Gold
Silver+ Silver
Bronze+ Bronze
Prohibits Chemical Classes of Concern

- Per- and Polyfluoroalkyl Substances (PFAS)
- Bisphenols
- Halogenated flame retardants
- Ortho-phthalates
- Antimicrobials
- Non-halogenated flame retardants
- Polyvinyl chloride (PVC)
- Specific metals and their compounds
  - Specified Authoritative Government Lists
Tested to Verified no PFAS

- All fabrics
- All molded fiber materials
Chemicals Assessed

- Gold+
- Gold
- Silver+
- Silver
- Bronze+
- Bronze
Other Considerations

1. Sustainability Requirements
   - Waste & Recyclability
   - Aligned with Kaiser Permanente Environmentally Preferable Purchasing Standard

2. Material Specific Considerations
   - Pragmatic criteria to address specific needs and constraints
   - Minor Fasteners, Undefined Post-consumer Recycled Content (PCR), Electronic Components, Metal Parts e.g., metal alloys, Form Specific Hazards e.g., carbon black
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<th>Level</th>
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<td>Medical Supply</td>
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<td>Bronze+</td>
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List of GreenScreen Certified™ Products

https://www.greenscreenchemicals.org/certified/products/category/medical
Steps to Certification

1. Pre-Registration
2. Registration
3. Application
4. Evaluation
5. Certification

https://www.greenscreenchemicals.org/certified/get-certified
Questions & Answers
THANK YOU!

Slides from the webinar will be posted on the website

Contact Clean Production Action:
Shari Franjevic
shari@cleanproduction.org
certifications@cleanproduction.org
https://www.greenscreenchemicals.org/

Learn More
https://www.greenscreenchemicals.org/certified/medical