

american cleaning institute®

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# Proposal to Address Household Hazardous Waste in Vermont

**House Committee on Environment and Energy  
February 3, 2023**

Brennan Georgianni  
Director, State Government Affairs  
American Cleaning Institute



## Who We Are



- 160 members
- Brand owners of Americans' favorite cleaning products and the supply chain - bathroom, laundry, dishes and more
- 2022 EPA Safer Choice Partner of the Year
- Consumer-facing organization

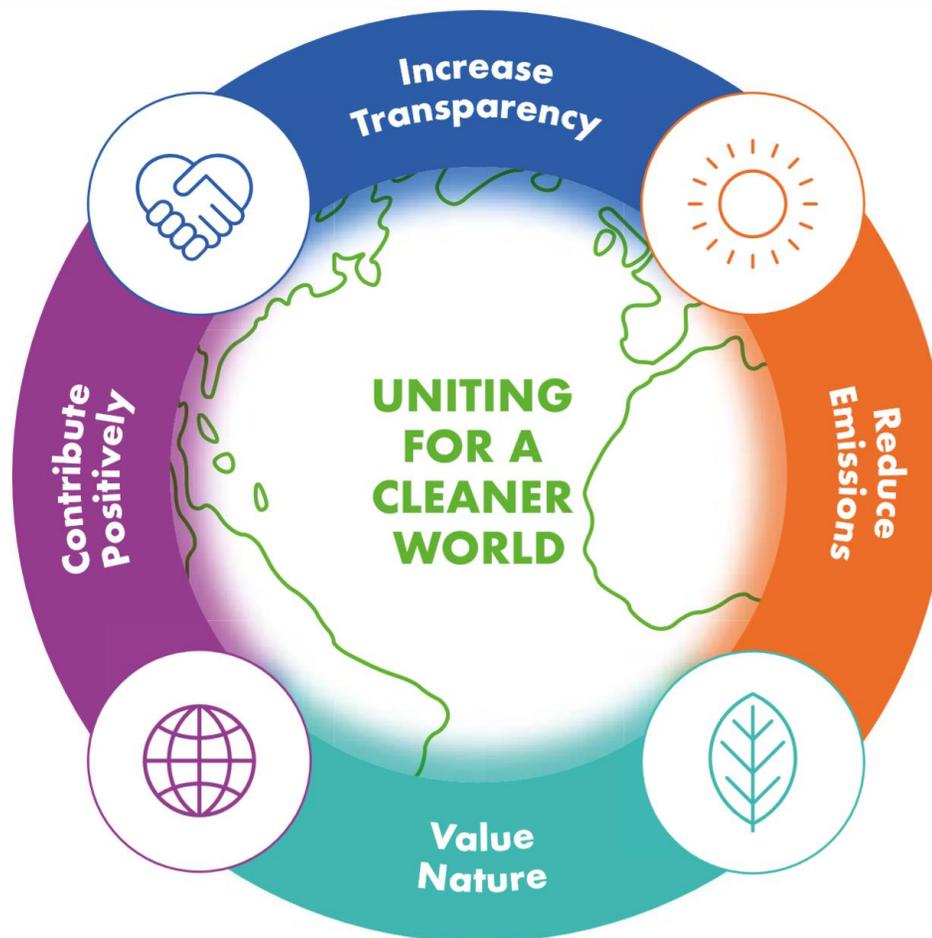
# Our Sustainability Goals

## Increase Transparency

**To uphold good health and well-being for all people**  
by providing the information people need to make informed decisions when choosing cleaning products

## Contribute Positively

**To invest in our shared future globally**  
by extending our collective impact in support of the UN Sustainable Development Goals



## Reduce Emissions

**To confront global average temperature rise**  
by accounting for and reducing greenhouse gas (GHG) emissions across our value chain

## Value Nature

**To move toward a more circular global economy**  
by optimizing the use of natural resources, advancing water stewardship and eliminating waste



# Situational Awareness

- Current EPR programs
  - Separate programs for paint, batteries, mercury thermostats, mercury lightbulbs, electronics
- “Common” HHW list includes 100+ product types
- Collection program for HHW already exists
- SWMEs state needs relating to increasing costs and lack of funding

CHITTENDEN SOLID WASTE DISTRICT SEGREGATION TABLE FOR COMMON HOUSEHOLD HAZARDOUS WASTES		
<b>CORROSIVES (ACIDS)</b>		<b>OXIDIZERS</b>
Boric Acid	Fiberglass Resins	Ammonium Nitrate
Car Battery Acid	Fingernail Polish and Remover	Bleach
Copper Cleaners	Floor/Furniture Polish	Calcium Hypochlorite
Etching Solutions	Formaldehyde Solution	Chlorates
Ferric Chloride	Formalin	Fertilizers *
Hydrochloric Acid	Gasoline	Fluorine
Hydrofluoric Acid	Glues *	Hair Coloring
Metal Cleaners	Grease	Hydrogen Peroxide
Muriatic Acid	Isopropyl Alcohol	Iodine
Navel Jelly	Kerosene	Nitric Acid
Phosphoric Acid	Lacquer Thinner	Plant Food
Pool Acid	Lacquer Paint (unsolidified)	Potassium Permanganate
Sheep Dip	Linseed Oil	Sodium Hypochlorite
Sodium Bisulfate	Liquid Sandpaper *	Toilet Bowl Cleaner with bleach
Sulfuric Acid	Methanol	
Acid Toilet Bowl Cleaners *	Naphtha	<b>POISONS</b>
Oxalic acid	Oils (petroleum)	Ant and Roach Killer
	Organic solvents	Anti-Freeze
<b>CORROSIVES (BASES)</b>	Paint Thinners	Arsenic Compounds
Ammonia and Ammonia Based Cleaners	Paint Strippers *	Automotive Cleaners
Battery Terminal Cleaner	Paraffin Oil	Bacterial Pipe Cleaners
Caulic Soda	Pentachlorophenol	Bordeaux Mix
Cess Pool Cleaners *	Perfume	Boric Acid
Alkaline Drain Cleaners (sodium hydroxide)	Petroleum Distillates	Bug Remover
Household cleaners *	Plastic Roof/Cement	Chloroform
Lime	Plastic Model Cement	Chrome-Silver Polishes *
Lye	Polyurethane Paint	Chromium
Oven Cleaners *	Polyurethane Cement	Copper Sulfate
Sodium Hydroxide	Power Steering Fluid	DDT
Window Cleaners	Primers	Diazinon
	Roofing Cement	Dimethylamine Salts
	Rug/Upholstery Cleaner	Disinfectants *
	Sealers	Dog Repellent
	Shellac Thinner	Ethylene Glycol
	Silicone Sprays	Fertilizers
	Spot Remover/Dry Cleaning Fluids	Flea Spray Powder
<b>FLAMMABLES &amp; COMBUSTIBLES</b>	Thinner	Fungicides *
Acetone	Tile Cement	Gopher Killer
Adhesives *	Tile Black	Insect Sprays
<b>Aerosols</b>	Toluol/Toluene	Lead Compounds
Air Freshener	Transmission Fluid	Lice Powder
Alcohols	Transmission Oil	Lindane
Artificial Snow	Trec Root/Stump Killer	Malathion
Asphalt Driveway Topping	Turpentine	Methylene Chloride
Automotive Body Filler (Bondo)	Varnish	Mole Killer
Automotive Oils	Wallpaper Cement	Moth Crystals
Automotive Waxes	Waxes	Pentachlorophenol
Bar-B-Que Lighter Fluid	Windshield Wiper Fluid	Pesticides
Benzene	White Gas	Pharmaceuticals
Brake Fluid	Wood Filler/Putty	Plant Food
Butane	Wood Stain	Pruning Paint
Camphor	Xylool.Xylene	Pyrethrins
Chrome-Silver Polishes *		Rat Poison
Cutting Oil		Rose Dust
Denatured Alcohol	<b>REACTIVES</b>	Sheep Dip
Diesel Fuel	Adhesive Catalysts	Snail/Slug Killer
Disinfectants	Autobody paint and filler Catalysts	Strychnine
Duplicator Fluid	Hardeners or activators	Tar Remover
Enamel Paint		Weed and Grass Killer
Enamel/Oil Base Paint		Windshield Wiper Fluid
Epoxy Paint		
Ethanol		
Ether		
Ethylene Glycol.		

\*Check Ingredients. Most products with \* next to them will be o.k. to store in category they are in regardless of ingredients.



# Our Concerns

- An EPR program is a more complicated solution than is required
- Establishing a full EPR model will take longer
- First-in-the-nation packaging EPR proposals are proving difficult
- Products prioritize consumer safety – made for household use
- Not all products become waste – product gets completely used and packaging is recyclable



# Our Proposal

- Manufacturers register with Department annually
- Fee amount / structure to be developed with Agency
- Municipal SWMEs maintain collection programs with manufacturer funding
- Product companies will support this proposal and participate





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