

SAFER CHOICE SUMMIT

Day 1: November 12, 2015

Outreach and the Safer Choice Label



epa.gov/saferchoice



Safer Choice Program

Outreach & the Safer Choice Label

November 12, 2015

Contents

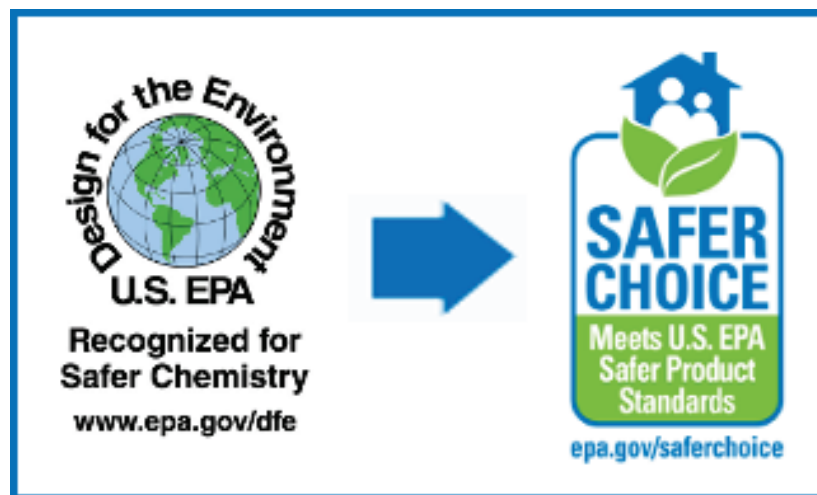


- About the Safer Choice label
 - Label redesign
 - What the Safer Choice label means
 - Early reception of the Safer Choice label
- Purchasing & procurement
- Safer Choice outreach

DfE is now Safer Choice



- Voluntary program
- **2,000+** products are qualified to carry the Safer Choice label
 - www2.epa.gov/saferchoice/products
 - Most are cleaning products (e.g., detergents, all-purpose cleaners, degreasers)



A Family of Labels



Optional Label for
Industrial &
Institutional Use



Fragrance-Free
Label

What does the Safer Choice label mean?



Verification by a trusted government agency that products contain only safer chemical ingredients

Products that qualify to carry the Safer Choice label are:

- Safer for families, pets, communities, and the environment
- Safer for workers and work places
- Works well



Response to New Label



- *Consumer Reports (July 2014):*
 - Found that many consumers are willing to pay more for safer cleaning products
 - Also noted that Safer Choice-labeled products are often comparable to or less costly than cleaners without the label
- *Consumer Reports (May 2015):*
 - Consumer Reports dedicated a full page to the Safer Choice label, explaining “why we like the label”



Safer Choice and Purchasing Requirements



- Government purchasing:
 - Executive Order 13693

- Using products with the Safer Choice label can help maintain LEED Certification
 - Under LEED EBOM v4 as Design for the Environment (DfE) <http://bit.ly/1Ni09ro>

- Institutional purchasing:
 - State and local procurement guidelines

Executive Order 13693



Section 3(i)(ii)(C)

(i) promote sustainable acquisition and procurement by ensuring that each of the following environmental performance and sustainability factors are included to the maximum extent practicable for all applicable procurements in the planning, award, and execution phases of the acquisition by:

...

(ii) purchasing sustainable products and services identified by EPA programs including:

(A) Significant New Alternative Policy (SNAP) chemicals or other alternatives to ozone-depleting substances and high global warming potential hydrofluorocarbons, where feasible, as identified by SNAP;

(B) WaterSense certified products and services (water efficient products);

(C) Safer Choice labeled products (chemically intensive products that contain safer ingredients); and

(D) SmartWay Transport partners and SmartWay products (fuel efficient products and services);

Safer Choice Outreach



- Working towards a Spring Cleaning 2016 campaign
- Outreach via:
 - TV & Radio
 - Magazines
 - Blogs
 - Social media
 - Conferences & Meetings

Safer Choice Messaging



- Focus will be on promotion of the Safer Choice Program
 - Explain the requirements for the Safer Choice label
 - Meaning of the Safer Choice label
- EPA will not promote specific products or the manufacturing company

Safer Choice Staff



Contact us if you have questions on:

- Use of the Safer Choice label
- Messaging describing the Safer Choice Program
- How to apply for the Safer Choice label
- How to list chemical ingredients on the Safer Chemical Ingredient List (SCIL)

Questions?



www.epa.gov/saferchoice

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Safer Choice + Social Media @EPA

Jessica Orquina

Office of Web Communications
U.S. Environmental Protection
Agency

November 2015



EPA's Safer Choice Program

- Finding cleaning and other products that are less toxic for you, your family, and the environment should be easy — that's why we developed our new Safer Choice program.
 - Safer Choice Standards
 - Safer Choice label

Digital Communications Goals: General

- To create a foundation and share information with people.
- Educate people on how they can protect their health and our environment.
- Provide science-based information about our environment.

Digital Communications Goals: Safer Choice

- Raise awareness of the Safer Choice program.
- Let consumers know what the Safer Choice label means.
- Help consumers find Safer Choice products.
- #EPASaferChoice

Outreach Tools

- Platforms

- Facebook
- Twitter
- Instagram
- Pinterest
- YouTube
- Blogs

- Content

- Shareable graphics
- Video
- Web



U.S. EPA ✓
@EPA



#EPASaferChoice label helps you know which products are safer for your family and your #pets. epa.gov/saferchoice

RETWEETS 27 FAVORITES 13



10:45 AM - 6 Mar 2015



U.S. EPA ✓
@EPA



.@EFPClean & @CLRCleaners are leading the way w/our new #EPASaferChoice label. Coming soon to stores! epa.gov/saferchoice #DreamSmallBiz

RETWEETS 11 FAVORITES 11



2:45 PM - 7 May 2015



U.S. EPA Mid-Atlantic Region ✓
April 7 · 🌐



There are more than 2,000 products from almost 500 manufacturers that will qualify to carry our new Safer Choice label, coming out later this spring. These manufacturers are investing in safer products to make our communities healthier. #EPASaferChoice

Find Safer Choice Products this Spring

Looking for safer cleaning and other products? Products that meet the Safer Choice Standard are healthier for you and your family.

WWW2.EPA.GOV



U.S. EPA Region 7 ✓
@EPAregion7



Coming soon: New #EPASaferChoice labeled products will be in stores later this spring: go.usa.gov/3xsR9 ow.ly/i/8TLrZ

2:01 PM - 7 Mar 2015





Help us spread the word!

When you see a product with the Safer Choice label, it means that every ingredient in the product has been reviewed by EPA scientists. Only products that meet our [Safer Choice Standard](#), which includes stringent human health and environmental criteria, are allowed to carry the label.





Safer Choice Summit

**Part 2 – Outreach Tools and
Approaches, A Partner Perspective**

Ecolabel explosion!



Ecolabel Index is the largest global directory of ecolabels, currently tracking 463 ecolabels in **199 countries**, and **25 industry sectors**.



Session Objective


- A panel of partners will discuss their approach to outreach for the Safer Choice label, the potential that greater market recognition of the label holds for partners, and perspectives on how partners can together build awareness of the Safer Choice logo.

So...why Safer Choice?

- A diverse group of company's are going to share their perspectives on....
 - What are their customers looking for
 - Some perspective on marketing ecologo products
 - Why did they choose Safer Choice
 - How can Safer Choice be enhanced



Session Format

- Panelist Introductions
 - Hal's Questions
 - Audience Questions
- 



Anna Cepeda- Mays

RB (Reckitt Benckiser)





Nadereh Afsharmanesh

Earth Friendly Products

ECOS

Born from Passion. Perfected by Science. Sustainably Produced. Made with 



Earth Friendly Products

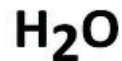




Making ECOS® in our five carbon-neutral plants has enabled us to keep prices low and quality high, shattering myths that buying “green” has to be expensive.



WATER MOLECULE



Water

✱ Base for all formulas

✱ pH 7.0

✱ Makes product safe for use





Marcia Frieze

Case Medical

Case Medical EPA Awarded SAFER CHOICE Instrument Cleaners



Case Medical US Environmentally Preferred Formulator - Manufacturer



Case Medical, a 2015 SAFER CHOICE Partner of the Year





Bill McCormick

Clorox

Consumer Megatrends



Health & Wellness + Sustainability



Greenworks Retail



Greenworks Institutional



The Safer Choice label conveys

Verification by a trusted government agency that products contain only safer chemical ingredients and that they are:

- Safer for people, families, pets, and the environment
- Safer for workers and work places
- Works well
- An appealing label that consumers can trust
 - Facilitates rapid decision-making




Recognized for
Safer Chemistry
www.epa.gov/dfe




Web Promotion of Safer Choice

Home > Products > Green Works® > Clorox Commercial Solutions® Green Works® All-Purpose Cleaner

Product Catalog 

Green Works® All-Purpose Cleaner

A Cleaner That Does It All – Naturally.
Remove grease, grime, dirt & soils with a cleaner that's 97% naturally derived.



Green Works® All-Purpose Cleaner
(12/32 oz. & Refill 6/64 oz.)

[At a Glance](#) [SDS & Specs](#)

Quick Facts

Tackle Dirt with a Naturally Derived All-Purpose Cleaner

- ✓ Cuts through grease, grime, dirt and soil
- ✓ 97% naturally derived and dermatologist tested
- ✓ Suitable for use on a wide variety of surfaces
- ✓ Recognized by the [U.S. EPA's Safer Choice program](#) for safer chemistry

Locate Sales Broker

Find your nearest Clorox sales broker.

ZIP Code

Choose



Don Fine

Ecolab

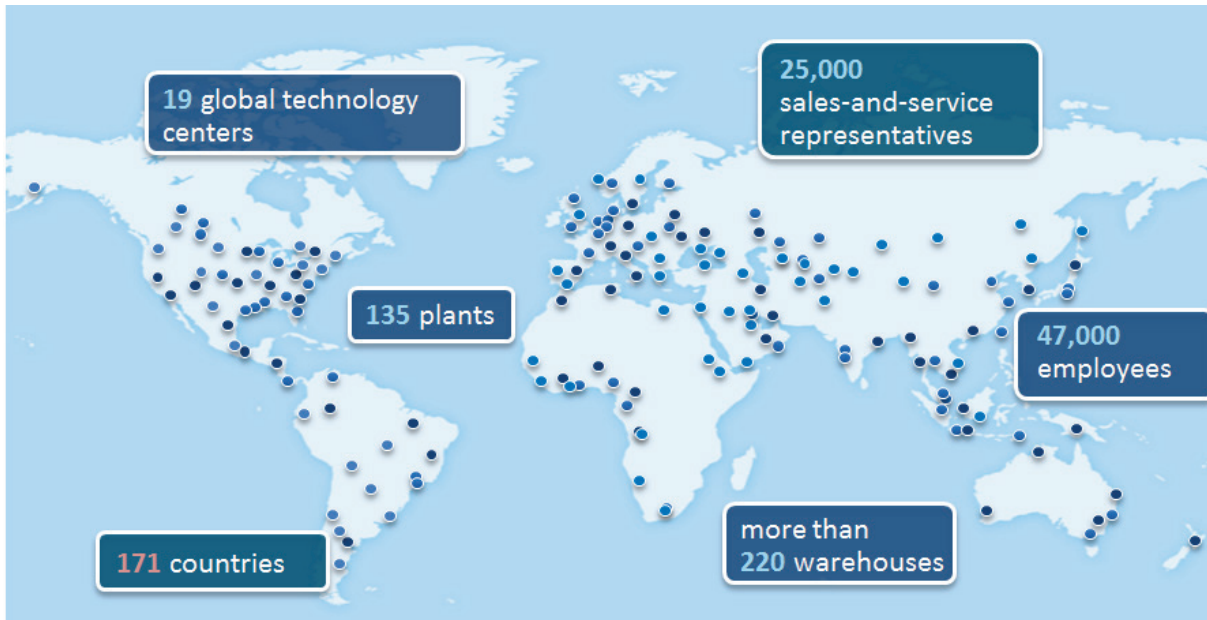


Everywhere It Matters.™

47,000 Associates

170+ Countries

1.3 million Customer Locations





Everywhere It Matters.™

HEALTHCARE /
INFECTION
PREVENTION

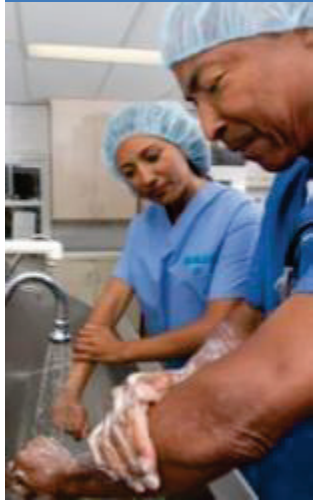
FOODSERVICE &
LODGING

FOOD &
BEVERAGE
PROCESSING

LIGHT
INDUSTRY

HEAVY
INDUSTRY

ENERGY
SERVICES



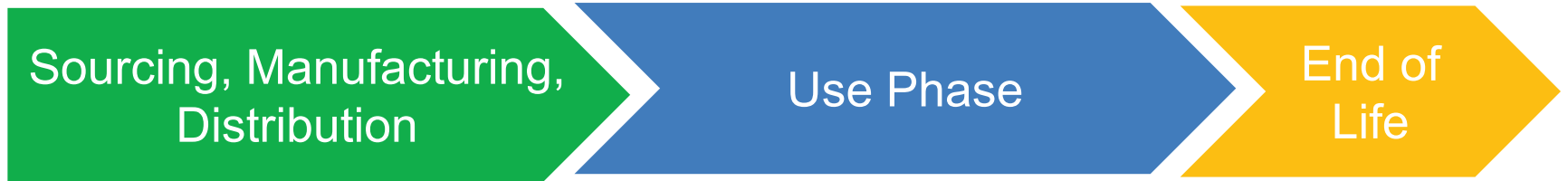
- Hospitals
- Food Retail
- Foodservice

- Facilities Maintenance
- Government
- Lodging / Hotels

- Industrial
- Commercial
- Small Businesses

Ecolab: Broad Approach to Product Responsibility

CONSIDER USE PHASE RESOURCE AND ASSET USE IMPACTS



Eco-Certifications



- All products are developed with human health and environmental safety and Total Impact in mind.
- We take a system view, lead with performance



Ecolab

eROISM



Everywhere It Matters.™

Recognition of Sustainability Efforts

Dow Jones Sustainability Index!



Listed, Most recent (2014).



Listed, Most recent (2013).



Ranked #7, Most recent (2014).



World & North America Indices, 2012.



Ranked #4 (US), #6 (Global), Most recent (2014).



Listed, Most recent (2011).



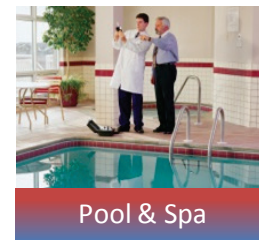
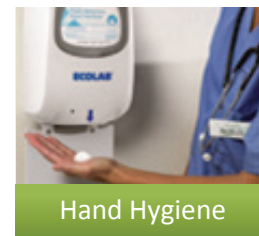
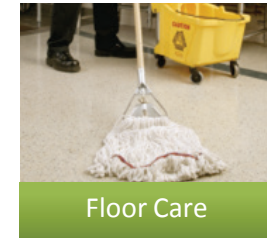
China's Top 100 Green Companies



Only company in the Materials Sector to be listed in all five CDP 2013 leadership indices (S&P500 Disclosure & Performance, Global500 Disclosure & Performance, Supply Chain)

ECOLAB®

Everywhere It Matters.™



Currently 10 products certified as Safer Choice

SAFER CHOICE SUMMIT

Day 1: November 12, 2015

Product and Chemical Review Process



epa.gov/saferchoice



Safer Choice Community

Aly Lorenz, Safer Choice Program

November 12, 2015

Safer Choice Community



- Management tool for Safer Choice and third party profilers
- Third parties submit products to Safer Choice for review
- Partner community
- Supplier community

- Developed to increase:
 - Efficiency
 - Scalability
 - Transparency
 - Consistency

Partner Community



- Product Submissions
 - Quotes
 - Final Submissions
- Submission Status
- Audit and Renewal Dates
- Resources and Program Information

Product Submissions



- Web-based version of our Product Information Request Form
- Ability to add attachments (performance, packaging, product labels, toxicological data)
- Community helps with data entry
 - Required fields are in red text
 - List of missing information once you save
 - Error messages when data is in the wrong format

Product Submissions



[Home](#)

[Create New Product Submission](#)

[Next Page](#)

▼ Navigate to Specific Section:

[Company Information](#) - Click here to enter your headquarters address, manufacturing address(es), etc.

[Contact Information](#) - Click here to enter your contact information and contact information for other involved parties at your company

[Product Information](#) - Click here to enter your product name, UPCs, production volume, and product uses

[Product Characteristics](#) - Click here to enter general product chemistry and regulatory information, such as flashpoint, VOCs, GHS labeling, and direct release status

[Packaging](#) - Click here to enter information about the packaging for your product (materials, sustainability, etc.)

[Formulation](#) - Click here to enter your product's formulation, including ingredient trade names, suppliers, CAS#s, and ingredient SDSs

[Attachments](#) - Click here to add the product label, ingredient disclosure, packaging letters, performance data, and product SDSs

[Next Page](#)

Product Submissions



- Initial Reviews
 - Full Product
 - Formulation Only

A screenshot of a web form. At the top, there is a grey header bar with a dropdown arrow and the text "Submission Type". Below this, the text "Submission Type" is written in red. To the right, there is a white dropdown menu with a black border and a downward arrow, containing the text "Initial Review - Full Product".

- Renewals

- Reformulations

- Community sends an email summary of submission for your records

Submission Status



- Provides status updates for all final product submissions
 - Third party profiler status
 - Safer Choice status
- Provides timing information
 - Date initially submitted
 - Date of last status update
- Increased process transparency
 - Tells you where to call for updates

Submission Status



▼ Status of Final Product Submission

Product Name	Control Code	Date Submitted to Third Party Profiler	Third Party Profiler Review Status	Date Submitted to Safer Choice	Safer Choice Review Status
Green APC		10/8/2015	Submitted to third party profiler		
Clear Glass Cleaner		10/8/2015	Information received by third party profiler		
Orange APC		10/8/2015	Waiting for supplier responses		
Glass Cleaner 29		10/13/2015	Submitted to third party profiler		
APC		10/26/2015	Waiting for supplier responses		
APC 32		10/28/2015	Submitted to Safer Choice	11/9/2015	Submitted to Safer Choice
Harry's All-Purpose Cleaner		10/29/2015	Submitted to third party profiler		
Hermione's Carpet Cleaner		10/29/2015	Submitted to third party profiler		
Ron's Dish Soap		10/29/2015	Submitted to third party profiler		
Harry's All-Purpose Cleaner		10/29/2015	Submitted to third party profiler		
Hermione's Glass Cleaner		10/29/2015	Submitted to third party profiler		
Ron's Dish Soap		10/29/2015	Submitted to third party profiler		

Audit and Renewal Dates



- Upcoming audit dates
 - On-site audit
 - Desk audit
- Upcoming renewal dates
 - Each recognized product is listed
- One place to go for up-to-date compliance information

Audit and Renewal Dates



Product Renewals and Company Audits

Product Renewals

Product Name	Next Renewal Date
Harry's All-Purpose Cleaner	10/31/2018
Hermione's Dish Soap	10/31/2018
Ron's Glass Cleaner	11/10/2018

Next Company Audits

Company Audit Type	Next Due Date	Previous Audit Date
Desk	10/31/2017	
On-site	10/31/2016	
Initial (type will be determined through conversations with third-party profiler)		

Resources and Program Information



- Tips for using the Community
- Links to helpful documents (standard, guidance, etc.)
- Checklists of information needed for each type of submission
- Phone number to call for help

Supplier Community



- Web-based version of Raw Ingredient Form
- Submit for CleanGredients review
- Provide information on ingredients in support of product review
- Currently under development

Questions?



Aly Lorenz

lorenz.alyson@epa.gov

202-564-1065



Safer Chemicals Ingredient List

Melanie Adams & Emma Lavoie

Safer Choice Program

November 12, 2015

Safer Chemical Ingredients List



www2.epa.gov/saferchoice/safer-ingredients

- Launched in 2012 with 450 chemicals listed
- Living and growing list of more than **700** safer chemicals that meet EPA's Safer Chemical Criteria
- Potential for expansion

Safer Choice

Contact Us Share

Safer Choice Home

Learn About Safer Choice

Resources for Manufacturers

Partner of the Year Awards

Search Safer Choice Products

For Use in Your Community

Safer Chemical Ingredients List

How to List on SCIL

Safer Choice Standard and Criteria

Related Programs

DfE Alternatives Assessments

DfE Life-Cycle Assessments

DfE Workplace Best Practices

DfE for Pesticides

Safer Detergents Stewardship Initiative

Program History

Connect with Safer Choice

You are here: EPA Home » Safer Choice » Safer Chemical Ingredients List

Safer Chemical Ingredients List

On this page:

- [Safer Chemical Ingredients List](#)
- [Overview of the Safer Chemical Ingredients List](#)
- [Technical notes about the list](#)
- [Additional resources](#)

Related Information

For chemical manufacturers and raw material suppliers looking for information on how to list a chemical on the Safer Chemical Ingredients List (SCIL), [visit our step-by-step guide](#).

Safer Chemical Ingredients List

- The listed chemicals are safer alternatives, grouped by their [functional-use class](#).†
- Chemicals are marked as a [green circle](#), [green half-circle](#), [yellow triangle](#), or [grey square](#).*
- This list includes many of the chemicals evaluated through the Safer Choice Program. It does not include confidential chemicals. There may be chemicals not included in this list that are also safer.

+ [Expand all](#)

> [Antimicrobial Actives](#)

> [Chelating Agents](#)

Evaluated chemicals that meet [Criteria for Chelating and Sequestering Agents](#)

↕ Common Name	↕ CAS Registry Number
● 2-Butenedioic acid (2Z)-, ammonium salt (1:?), homopolymer, hydrolyzed, sodium salts	181828-06-8
● Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)	164462-16-2
● Aspartic acid, N-(1,2-dicarboxyethyl)-, tetrasodium salt	144538-83-0
● Citric acid, anhydrous	77-92-9
● D-Gluconic acid	526-95-4
● D-glycero-D-gulo-Heptonic acid, calcium salt (2:1)	17140-60-2
● D-glycero-D-gulo-Heptonic acid, monosodium salt	13007-85-7

www2.epa.gov/saferchoice/safer-ingredients

Safer Choice

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Community

Safer Chemical Ingredients
List

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Safer Choice Standard and
Criteria

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DfE Alternatives
Assessments

DfE Life-Cycle
Assessments

DfE Workplace Best
Practices

DfE for Pesticides

Safer Detergents
Stewardship Initiative

Program History

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You are here: EPA Home » Safer Choice » Safer Chemical Ingredients List

Safer Chemical Ingredients List

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- [Technical notes about the list](#)
- [Additional resources](#)

A link to the criteria for each functional class is below each header

Safer Chemical Ingredients List

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+ Expand all

> Antimicrobial Actives

< Chelating Agents

Evaluated chemicals that meet [Criteria for Chelating and Sequestering Agents](#)

Common Name	CAS Registry Number
2-Butenedioic acid (2Z)-, ammonium salt (1:?), homopolymer, hydrolyzed, sodium salts	181828-06-8
Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)	164462-16-2
Aspartic acid, N-(1,2-dicarboxyethyl)-, tetrasodium salt	144538-83-0
Citric acid, anhydrous	77-92-9
D-Gluconic acid	526-95-4
D-glycero-D-gulo-Heptonic acid, calcium salt (2:1)	17140-60-2
D-glycero-D-gulo-Heptonic acid, monosodium salt	13007-85-7

Uses for the Safer Chemical Ingredients List (SCIL)



Product Formulators

- To research and verify that proposed formulations will be eligible for the Safer Choice label
- As a sustainability measure for non-Safer Choice products

Chemical Manufacturers

- As design criteria for new, safer chemical alternatives
- To highlight innovation and meet demand for safer chemicals
- To optimize research where data gaps exist

CleanGredients®



A screenshot of a web browser displaying the CleanGredients website. The browser's address bar shows "www.cleangredients.org/features/". The website has a dark header with the "CLEANGREDIENTS" logo on the left and navigation links for "FEATURES", "SUBSCRIBE", "PARTNERS", "ABOUT", and a "LOGIN" button on the right. The main content area has a white background with the heading "FEATURES" in large, light-colored letters. Below this, the text reads "Chemistry that meets the U.S. EPA's Safer Choice label". To the left of this text is the "SAFER CHOICE" logo. To the right, there are two paragraphs of text: "CleanGredients is the definitive database of chemical ingredients whose formulations have been pre-approved by the U.S. EPA to meet the criteria of their Safer Choice Standard." and "Ingredients listed in CleanGredients have been verified by independent third-party experts to pass the stringent criteria of the EPA's Safer Choice Standard, designed to safeguard human and environmental health."

CleanGredients®



U.S. Environmental Protection Agency

Browser address bar: http://www.cleangredients.org/app/#allingredients/?view_139_page=1&view_139_filters=%5B%7B%7B%7D%7D%7D CleanGredients Database

File Edit View Favorites Tools Help
Web Slice Gallery

Home RSS Print Page Safety Tools

Logged in as **Melanie Vrabel Adams** - [Account Settings](#) - [Log Out](#)

Functional Class:

Company:

Product Name:

[reset](#)

Showing 1-25 of 334 25 per page Page of 14

PRODUCT NAME	COMPANY	FUNCTIONAL CLASS	DFE STATUS	DFE APPROVAL DATE	DFE DIRECT RELEASE	VIEW CHEMICAL DETAILS
AG 6206	Akzo Nobel Surface Chemistry LLC	Surfactant	Approved	09/01/2013	Yes	view
Alkonat L70	Oxiteno USA	Surfactant	Approved	02/01/2014	No	view
Alkapon CN	Oxiteno USA	Surfactant	Approved	02/01/2014	No	view
ALPHA-STEP PC-48	Stepan Company	Surfactant	Approved	03/01/2014	No	view

100%

Safer Chemical Ingredients List (SCIL)



What is included	What is NOT included	What CleanGredients® offers
<ul style="list-style-type: none">• Chemical Abstract Service (CAS) number• Names<ul style="list-style-type: none">- Common chemical name- EPA inventory name• Functional class (e.g., surfactant, solvent)• Color-coding system	<ul style="list-style-type: none">• Source of chemical• Chemical manufacturer• Trade name• Formula-specific information (e.g., chemical use, percent composition)• Trade secret chemicals• Chemicals on the confidential TSCA inventory	<ul style="list-style-type: none">• Source of chemical• Chemical manufacturer• Trade name• Formula-specific information (e.g., chemical use, percent composition)• Trade secret chemicals

Expanding and Increasing SCIL



epa.gov/saferchoice

Expanding and Increasing SCIL



- Antimicrobial actives
- Chelating agents
- Colorants
- Defoamers
- Enzymes & enzyme stabilizers
- Fragrances
- Oxidants & oxidant stabilizers
- Polymers
- Preservatives & antioxidants
- Processing aids & additives
- Solvents
- Specialized industrial chemicals
- Surfactants
- Uncategorized

14 classes
>700 chemicals
What next?

Adding chemicals to SCIL



- Three options
 1. Added as products reviewed for labelling
 2. Direct submissions for SCIL listing
 3. Safer Choice identifies and reviews chemicals for SCIL

Adding new chemical classes



- Active projects to add 100 chemicals per year
- Seed oils & fatty acids
- Relevant to personal care products

Evaluated chemicals that meet Safer Choice Safer Surfactant Criteria	
↕ Common Name	↕ CAS Registry Number
● Fatty acids, coco	61788-47-4
● Fatty acids, coco, sodium salts	61789-31-9
● Fatty acids, coconut oil, potassium salts	61789-30-8
● Fatty acids, coconut oil, sulfoethyl esters, sodium salts	61789-32-0
● Fatty acids, olive-oil, sodium salts	61789-88-6
● Fatty acids, palm kernel-oil, methyl esters, sulfonated, sodium salts	68440-13-1
● Fatty acids, palm-oil, sodium salts	61790-79-2
● Fatty acids, safflower-oil, sodium salts	68440-19-7
● Fatty acids, tall oil, sodium salt	61790-45-2
● Fatty acids, tall-oil	61790-12-3
● Fatty acids, tall-oil, potassium salts	61790-44-1
● Fatty acids, tallow	61790-37-2
● Fatty acids, tallow, hydrogenated, compds. with triethanolamine	68605-97-0
● Fatty acids, tallow, sodium salts	8052-48-0

How to request addition of chemicals to SCIL



- If candidate in existing functional class:
 - Submit request for SCIL review to profiler
 - Erica Harriman – ToxServices
 - Nancy Linde – NSF International

- If candidate is for a new functional class:
 - Preview with Safer Choice
 - Contact Emma Lavoie

Request addition of chemicals to SCIL



- Or, send us some candidates and we might be able to add to ongoing Safer Choice reviews
 - Recent collaboration with American Cleaning Institute is helping add chemicals to SCIL
 - You might inspire a new section of SCIL!
 - New sections require time for learning:
 - Chemistry
 - Use
 - Exposure profile
 - Products types
 - Why it is safer than status quo; why it is more sustainable.



Opportunities for Enhanced Efficiencies

Clive Davies, Safer Choice Program

November 12, 2015



Topics



- OIG program review
- Safer Choice product review process
- Key areas for improvement
 - Improvements being implemented
 - Unfinished business
- Breakout groups

Inspector General Program Review



- November 2013
 - EPA OIG began routine program review

- September 2014
 - Completed program review
 - Issued six recommendations

- September 2015
 - Safer Choice completed all follow-up activities

Inspector General Recommendations



- Design a unique logo that better conveys the program's objective and fully eliminates any appearance of an EPA endorsement.
 - ✓ Launched Safer Choice label in March 2015.
- Periodically review participants' compliance with the DfE partnership agreement to ensure appropriate use of DfE program language, including disclaimers and labeling requirements.
 - ✓ All desk audits performed by third party auditors now include inspection for endorsement disclaimers.

Inspector General Recommendations (cont'd.)



- Develop and implement controls for accomplishing removal of the DfE logo from the websites of partners who leave the program.
 - ✓ Implemented process to check for label removal upon partnership termination.
- Take appropriate action to address noncompliance with DfE partnership agreements discovered as a result of this review.
 - ✓ Increased follow-up activities to address and remedy partner noncompliance.

Inspector General Recommendations (cont'd.)

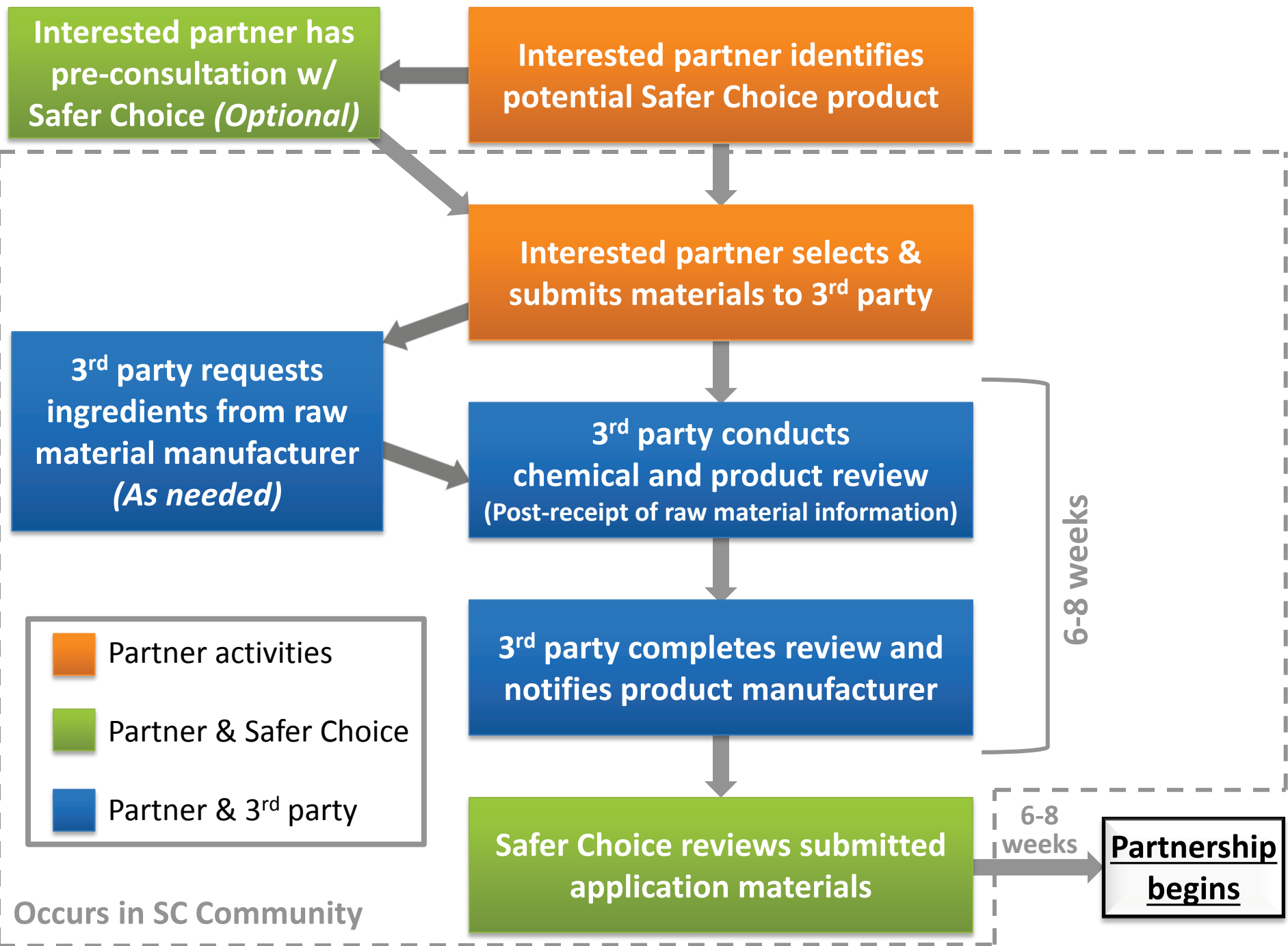


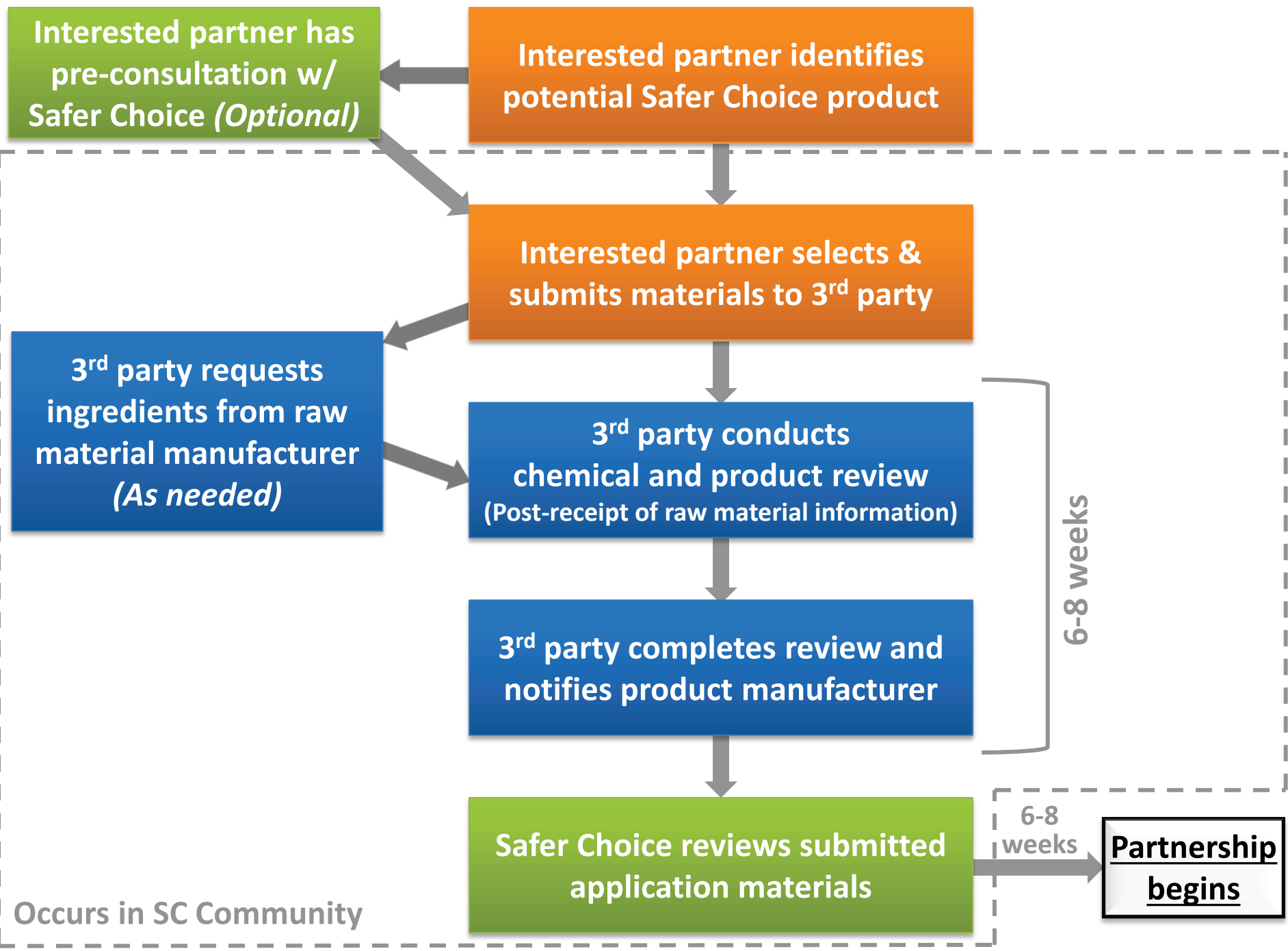
- Remove statements on website that imply or suggest that the EPA has determined that DfE products are a cost-effective choice.
 - ✓ Removed this claim from website and promotional materials.
- Develop robust, transparent and adequately supported performance measures that capture the DfE program's results.
 - ✓ New SC Community system facilitates metrics tracking and management.

Seeking efficiencies in the product review process



- Received feedback from multiple partners
- Held meetings between partners and 3rd party reviewers
- Had discussions with chemical manufacturers and other stakeholders





Interested partner has

Efficiency Measures:

Will develop in the
Safer Choice
Community

Factors for selecting 3rd
party reviewer:

- Price
- Performance
- Timeliness

(As needed)

Interested partner identifies
potential Safer Choice product

Interested partner selects &
submits materials to 3rd party

3rd party conducts
chemical and product review
(Post-receipt of raw material information)

3rd party completes review and
notifies product manufacturer

Safer Choice reviews submitted
application materials

6-8 weeks

6-8
weeks

Partnership
begins

Occurs in SC Community

Interested partner has pre-consultation w/ Safer Choice (*Optional*)

Interested partner identifies potential Safer Choice product

Interested partner selects & submits materials to 3rd party

3rd party requests ingredients from raw material manufacturer (*As needed*)

3rd party conducts chemical and product review (Post-receipt of raw material information)

Tracking: Get the status of your review (where and how long) in the Safer Choice Community

3rd party completes review and notifies product manufacturer

Safer Choice reviews submitted application materials

6-8 weeks

6-8 weeks

Partnership begins

Occurs in SC Community

Interested partner has pre-consultation w/ Safer Choice (*Optional*)

Interested partner identifies potential Safer Choice product

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3rd party requests ingredients from raw material manufacturer (*As needed*)

3rd party conducts chemical and product review (Post-receipt of raw material information)

3rd party completes review and notifies product manufacturer

Safer Choice reviews submitted application materials

Partnership begins

Adding 3rd parties:
Goal to add at least one in 2016 to:

- Expand choices
- Shorten review timeframe
- Enable program expansion

Occurs in SC Community

6-8 weeks

6-8 weeks

Interested partner has pre-consultation w/ Safer Choice (*Optional*)

Interested partner identifies potential Safer Choice product

Interested partner selects & submits materials to 3rd party

3rd party requests ingredients from raw material manufacturer (*As needed*)

3rd party conducts chemical and product review (Post-receipt of raw material information)

Expanding SCIL & Building CleanGredients:
Can expedite product innovation and chemical & product review process

3rd party completes review and notifies product manufacturer

Safer Choice reviews submitted application materials

6-8 weeks

6-8 weeks

Partnership begins

Occurs in SC Community

Expanding SCIL and Building CleanGredients



- Expanding SCIL
 - Use of SCIL ingredients speeds product review *but* many require component information (e.g., polymer composition, preservatives, stabilizers)
 - From 450 chemicals in 2013 to 700 chemicals currently, with more to come
- Building CleanGredients
 - Component information is included
 - Expedites 3rd party review
 - Reduces cost
 - Desire to make CleanGredients-like information available for more Safer Choice ingredients

www2.epa.gov/saferchoice/safer-ingredients

- Safer Choice Home
- Learn About Safer Choice
 - Resources for Manufacturers
 - Partner of the Year Awards
 - Search Safer Choice Products
 - For Use in Your Community
- Safer Chemical Ingredients List
 - How to List on SCIL
 - Safer Choice Standard and Criteria
 - Related Programs
 - DfE Alternatives Assessments
 - DfE Life-Cycle Assessments
 - DfE Workplace Best Practices
 - DfE for Pesticides
 - Safer Detergents Stewardship Initiative
 - Program History
 - Connect with Safer Choice

You are here: EPA Home » Safer Choice » Safer Chemical Ingredients List

Safer Chemical Ingredients List

On this page:

- [Safer Chemical Ingredients List](#)
- [Overview of the Safer Chemical Ingredients List](#)
- [Technical notes about the list](#)
- [Additional resources](#)

Related Information

For chemical manufacturers and raw material suppliers looking for information on how to list a chemical on the Safer Chemical Ingredients List (SCIL), [visit our step-by-step guide](#).

Safer Chemical Ingredients List

- The listed chemicals are safer alternatives, grouped by their [functional-use class](#).†
- Chemicals are marked as a [green circle](#), [green half-circle](#), [yellow triangle](#), or [grey square](#).*
- This list includes many of the chemicals evaluated through the Safer Choice Program. It does not include confidential chemicals. There may be chemicals not included in this list that are also safer.

[+ Expand all](#)

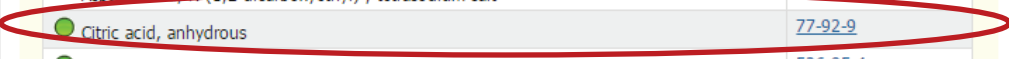
> Antimicrobial Actives

▼ **Chelating Agents**

Evaluated chemicals that meet [Criteria](#)

Common Name	Supplier
2-Butenedioic acid (2Z)-, ammonium salt	
Alanine, N,N-bis(carboxymethyl)-L-	
Aspartic acid, N-(1,2-dicarboxylethyl)-, tetrasodium salt	1416-03-0
Citric acid, anhydrous	77-92-9
D-Gluconic acid	526-95-4
D-glycero-D-gulo-Heptonic acid, calcium salt (2:1)	17140-60-2
D-glycero-D-gulo-Heptonic acid, monosodium salt	13007-85-7

Trade Name	Supplier
Citric Acid, Anhydrous, FCC, USP	Tate & Lyle
Citric Acid Anhydrous, USP NF (Graular)	Cargill
Citric Acid Anhydrous	ADM



Interested partner has pre-consultation w/ Safer Choice (*Optional*)

Interested partner identifies potential Safer Choice product

Interested partner selects & submits materials to 3rd party

3rd party requests ingredients from raw material manufacturer (*As needed*)

3rd party conducts chemical and product review (Post-receipt of raw material information)

Safer Choice and 3rd parties are exploring ways to further enhance program efficiency

3rd party completes review and notifies product manufacturer

Safer Choice reviews submitted application materials

Partnership begins

6-8 weeks

6-8 weeks

Occurs in SC Community

ToxServices



- Added project tracking capabilities to ToxServices' online submission portal
- Updated product submission documentation checklist
- Created internal fragrance review tool to enable one-week turnaround
- Trained additional staff on SC Community data entry to expedite review submission

ToxServices



U.S. EPA Safer Choice Initial Review: Post-Submission Checklist

Tradename of Formulation: Glass Cleaner

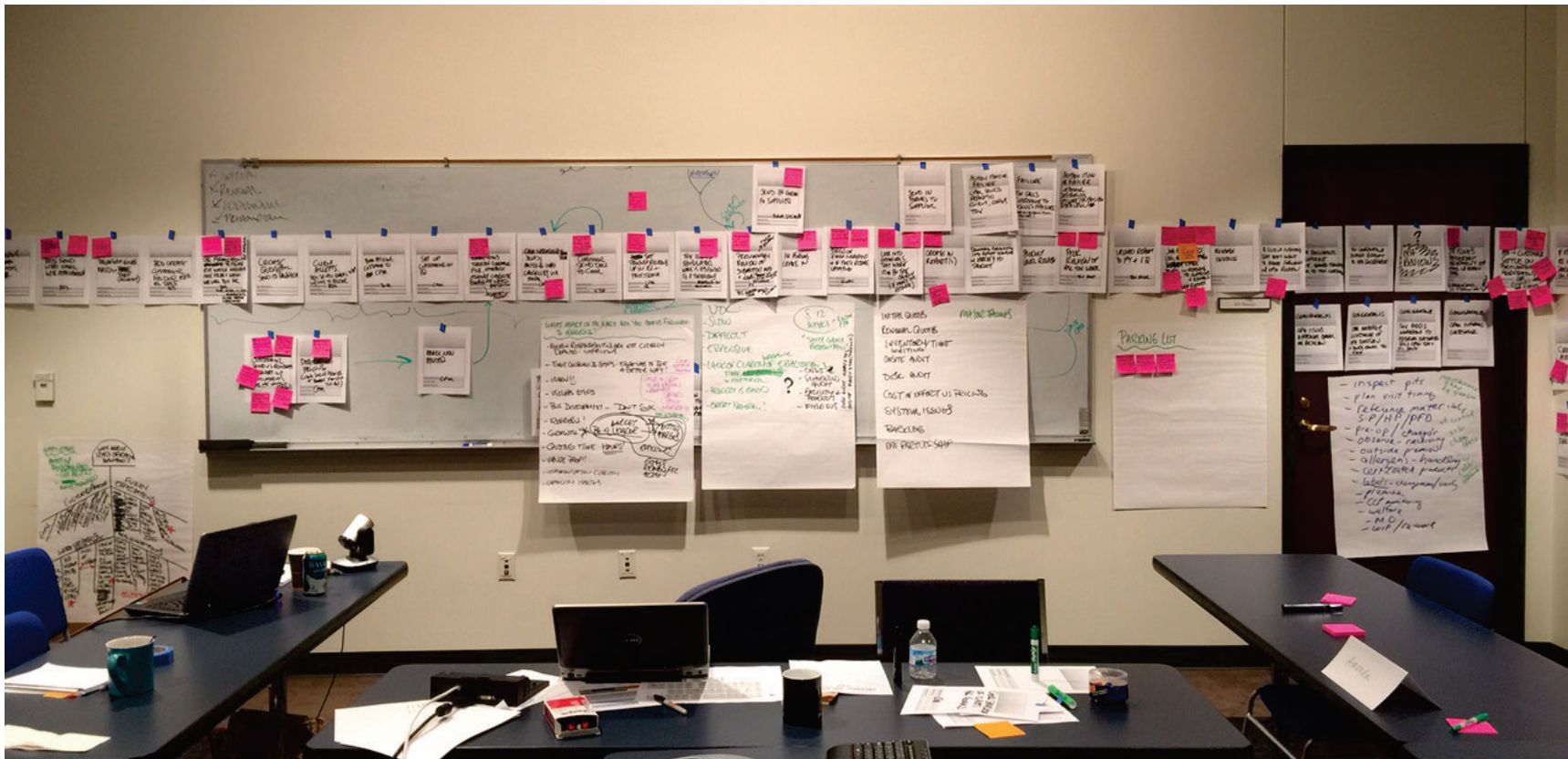
Endpoint Evaluated	Documentation Provided		Submission Requirement?	Typical Documentation Submitted to Fulfill Requirement	Applicable Safer Choice Standard (SCS) Section
	Yes	No			
Product Formulation	X		Mandatory	Page 5 of ToxServices' Product Submission Form	Section 3.2.1
Ingredient MSDS	X		Mandatory	Manufacturer prepared MSDS or SDS for each ingredient	Section 3.2.1
Safer Choice Logo Use	X		Mandatory	Draft product label, in all product sizes, with proposed Safer Choice logo use	Section 6.1.1
Ingredient Disclosure	X		Mandatory	Product label with listing of ingredients or listing of URL where ingredients are found	Section 3.8
Endorsement Disclaimer	X		Mandatory	Safer Choice Endorsement Disclaimer present on product or company website	Section 6.1.2
Performance	X		Mandatory	Performance test report performed in accordance with criteria for the product class specified in the Safer Choice Standard	Section 4.2.1
Primary Packaging	X		Mandatory	Packaging template provided by ToxServices	Section 4.2.6
Flammability	X		Mandatory	Page 2 of ToxServices' Product Submission Form	Section 4.2.8
pH	X		Mandatory	Page 2 of ToxServices' Product Submission Form	Section 4.2.2

NSF International



- Staffing changes in 2015
- LEAN process to improve efficiency of operations
 - September: Process and value stream mapping
 - Ongoing: Implementing improvements
 - Reducing backlog of existing work to eliminate delays
 - Improving communication with partners and suppliers to reduce wait times on receiving information
 - Making quoting process simpler and more transparent
- Upgrading IT to improve transparency, project tracking, and performance

NSF Value Stream Mapping



Breakout Sessions



- Breakout sessions will address stakeholder-identified highest-priority process improvement topics:
 - Group 1: Improving Information Flow on Components in Product Ingredients
 - Group 2: Enhancing the Chemical and Product Manufacturer Experience

Interested partner has pre-consultation w/ Safer Choice (*Optional*)

Interested partner identifies potential Safer Choice product

Interested partner selects & submits materials to 3rd party

3rd party requests ingredients from raw material manufacturer (*As needed*)

3rd party conducts chemical and product review (Post-receipt of raw material information)

3rd party completes review and notifies product manufacturer

Safer Choice reviews submitted application materials

Area that takes the most time in the product review process is receiving "component in ingredient" information from chemical manufacturers

6-8 weeks

6-8 weeks

Partnership begins

Occurs in SC Community

Breakout Group 1



- How can all parties help?
 - Chemical manufacturers
 - Product manufacturers
 - Safer Choice third party profilers
 - Safer Choice
- How can we more effectively use or improve Safer Chemical Ingredients List to help?
- Are other information sources available?

Interested partner has pre-consultation w/ Safer Choice (*Optional*)

Interested partner identifies potential Safer Choice product

Interested partner selects & submits materials to 3rd party

3rd party requests ingredients from raw material manufacturer (*As needed*)

3rd party conducts chemical and product review (Post-receipt of raw material information)

3rd party completes review and notifies product manufacturer

Time efficiencies can likely be improved across the product review process

Safer Choice reviews submitted application materials

6-8 weeks

6-8 weeks

Partnership begins

Occurs in SC Community

Breakout Group 2



- What are the most challenging elements of third party or Safer Choice review?
- Do new partners have the information they need to submit a complete application the first time?
- Are there opportunities to improve the hand-off from third parties to Safer Choice?
- Is information on alternatives to unacceptable ingredients readily available?
- How can partners easily get information on review status?
- Do partners know they can call Safer Choice anytime to discuss issues?

Breakout Sessions



3:00-3:15pm

Break

3:15-4:45pm

Part 4—Facilitated Discussion

- **Group 1:** Improving information flow on components in product ingredients
 - Room: Potomac 3/4
- **Group 2:** Enhancing the chemical and product manufacturer experience
 - Room: Potomac 5/6