



What's Inside? Pharos for Chemicals Management

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Agenda

1. Use Pharos to Facilitate Chemicals Management
 - a. Save time finding hazard information
 - b. Reduce risks by avoiding chemicals of highest concern
 - c. Lead the market with safer products
 - d. Access Pharos community of experts and share insights
2. Pricing options

MISSION

To advance human and environmental health by improving hazardous chemical transparency and inspiring product innovation



About Pharos

146K

Chemicals,
polymers,
metals &
other
substances

20K

Chemicals with
functional use
data

800

Compound
Groups

300

Full Green
Screen Hazard
Assessments

GreenScreen® for Safer Chemicals

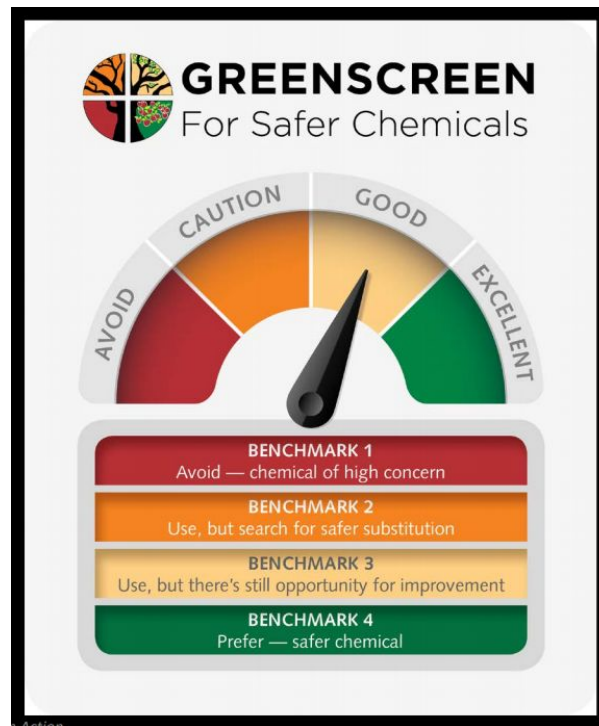
A comparative chemical hazard assessment method.

Provides a simple rating system to help decision makers compare chemicals.

Developed by the nonprofit organization Clean Production Action.

GreenScreen List Translator

LT-1	Likely Benchmark 1
LT-P1	Possible Benchmark 1
LT-UNK	Benchmark Unknown



Save Time Finding Hazard Information



- Screen chemicals for hazards
- Utilize the power of compound groups

Screen Chemicals for Hazards

8001-54-5

Benzalkonium chloride

ALSO CALLED [8045-21-4] ALKYL DIMETHYLBENZYLAMMONIUM CHLORIDE (primary CASRN is 8001-54-5), [12741-06-9] Benzalk...

View all synonyms (10)

Share Profile



Hazards

Properties

Functional Uses

Process Chemistry

Resources

All Hazards View

Show PubMed Results

Request Assessment

Add to Comparison

	GS Score	Group I Human					Group II and II* Human								Ecotox			Fate		Physical		Mult	Non-GSLT				
		C	M	R	D	E	AT	ST	ST	N	N	SnS	SnR	IrS	IrE	AA	CA	ATB	P	B	Rx	F	Mult	PBT	GW	O	Other
All Hazards	LT-P1	-	-	-	-	-	vH	-	-	-	-	H	H-M	vH	vH	vH	-	M	-	-	-	-	H	-	-	-	R

Hazard Lists

Download Lists

ENDPOINT	HAZARD LEVEL	GS SCORE	LIST NAME	HAZARD DESCRIPTION	OTHER LISTS
Acute Mammalian Toxicity	vH	LT-UNK	GHS - Japan	Acute toxicity (inhalation: dust, mist) - Category 2 [H330]	+12

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Hazards Properties Functional Uses Process Chemistry Resources

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All Hazards	GS Score	Group I Human					Group II Human					Ecotox			Fate		Physical		Mult		Non-GSLT						
		C	M	R	D	E	AT	ST	ST	N	N	SnS	SnR	IrS	IrE	AA	CA	ATB	P	B	Rx	F	Mult	PBT	GW	O	Other
	LT-P1	-	-	-	-	vH	-	-	-	-	H	H-M	vH	vH	vH	-	M	-	-	-	-	H	-	-	-	-	R
						Very high hazard Low confidence					High hazard Low confidence																

Hazard Lists

Download Lists

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Acute Mammalian Toxicity		LT-	GHS - Japan	Acute toxicity (inhalation: dust, mist) -	

Utilize the Power of Compound Groups

~800 grouped by structure, regulatory definitions, function.

- View hazards likely to apply to whole compound group
- Comply with regulations
- Quickly address customer questions

“Six Classes” Example



1 – PFAS



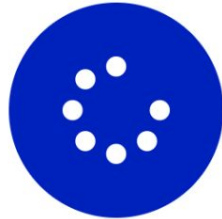
2 – Antimicrobials



3 – Flame Retardants



4 – Bisphenols + Phthalates



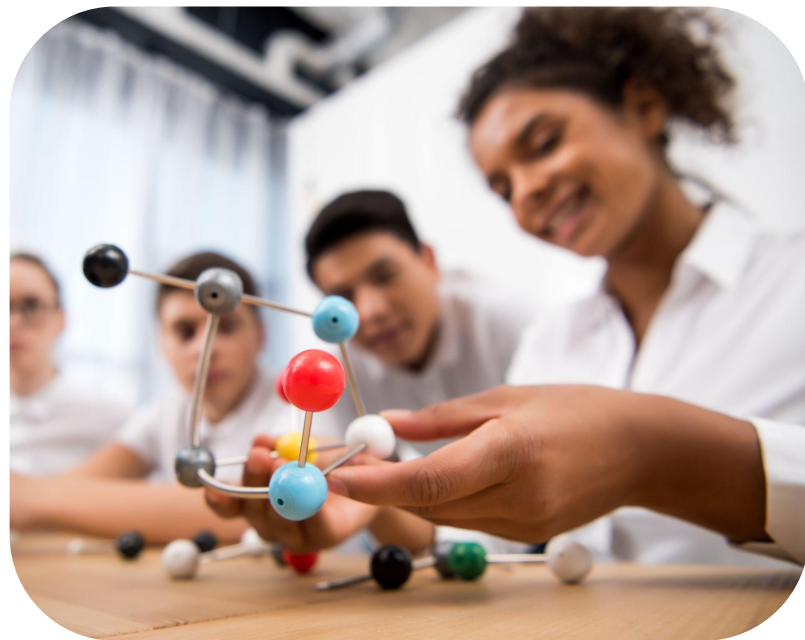
5 – Some Solvents



6 – Certain Metals

Reduce Risks by Avoiding Chemicals of Highest Concern

- Restricted Substances Lists (RSLs)
- ChemSec's Substitute it NOW (SIN) LIST



Substitute It Now (SIN) List

European Union's
Substances of Very High
Concern + Substances
suspected to be of very
high concern



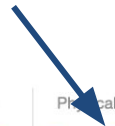
Lead the Market with Safer Products

- Identify Potentially Safer Alternatives
- Request Full Hazard Assessment



Identify potentially safer alternatives

flammability



Chemical	GS	Group I Human					Group II and II* Human							Ecotox			Fate		Physical			
		C	M	R	D	E	AT	ST	ST	N	N	SnS	SnR	IrS	IrE	AA	CA	ATB	P	B	Rx	F
x Methyl formate 107-31-3	LT-UNK	-	-	-	M-L	-	M	M	-	-	vH-M	-	-	H	H	-	-	M	vH-H	-	-	vH
x ACETONE 67-64-1	LT-P1	H-L	-	M	H-M	H-M	L	pC	-	M-L	vH-M	-	-	M	H	-	-	-	vH-H	-	-	H
x DIMETHYL CARBONATE 616-38-6	LT-UNK	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	vH-H	-	-	H
x ETHANE 74-84-0	LT-UNK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	vH-H	-	-	H
x Methane 74-82-8	LT-UNK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	vH-H	-	-	H
x Methyl acetate 79-20-9	LT-UNK	pC	-	-	M-L	-	L	pC	-	M-L	vH-L	-	-	H	H	-	-	-	vH-H	-	-	H
x TERT-BUTYL ACETATE 540-88-5	LT-UNK	-	-	-	M-L	-	M	-	-	M-L	-	-	-	M	H	-	-	-	vH-H	-	-	H
x 2-Amino-2-methylpropanol 124-68-5	LT-UNK	-	-	-	M-L	-	L	-	-	-	-	-	-	H	H	M	-	-	-	-	-	M
x Propylene carbonate 108-32-7	LT-UNK	-	-	-	M-L	-	-	-	-	-	-	-	-	H	-	-	-	-	-	-	-	-

Request a full chemical hazard assessment



Access a Community of Experts

Pharos

Comparisons Common Products Discussions Account

All Discussions	162
Announcements	42
Community Discussion	25
Feature Requests / Ideas	34
Chemical Discussions	50
Building Materials	11
Unread Posts	

SEARCH DISCUSSIONS

- [80-05-7] BISPHENOL A (BPA)
- [25495-98-1]
- HEXABROMOCYCLODECANE (HBCD)
- PHthalATES (orthophthalates)
- [1314-13-2] ZINC OXIDE

All Discussions + New Discussion

Least toxic vapor barriers Building Materials

Ramune Bartuskaite, Spec Matters
2 days ago

From my research, it looks like polyethylene vapor barriers are not very toxic. However, they end up in landfills and cannot be recycled/reused. Has anyone found better options or healthier alternatives to this?

1 reply Reply

Ice breaker: What's in your ice melt? Community Discussion

Cassidy Clarity, Materials Researcher, Healthy Building Network
5 days ago

It's February in Minnesota and the walkways around my house have turned to ice rinks. In the hopes of finding something less harmful for my family (including four-legged members) and the environment, I put together this Pharos comparison of common ice melt ingredients and thought I'd share. This comparison is certainly not comprehensive since many products don't fully disclose their ingredients. For instance, the "pet safe" ice melt I found has several undisclosed ingredients including "non-ioni...

2 replies Reply

Learn More with Tutorials

Pharos

[Comparisons](#) [Common Products](#) [Discussions](#) [Account](#)

Guided tutorials and webinars help you get the most out of Pharos

Quick tutorials for specific Pharos features

- Compare hazards of multiple chemicals and track changes to their hazard profiles
- Find chemicals with a specific function (e.g. surfactant) or in a product category (e.g. cosmetics)
- Learn about the most common building products types
- Identify safer alternatives in common building product types
- View hazards in the new Pharos like they are displayed in the old Pharos
- [View All Tours](#)

Webinar recordings to learn more about Pharos

- [Pharos: Powering a Virtual Learning Experience - Recording and Slides](#)
- [Using Pharos to Power Chemical Management - Recording and Slides](#)
- [Powering Platforms and Data Systems with Pharos - Recording and Slides](#)
- [Getting the Most Out of Pharos - Recording and Slides](#)

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Pricing options

Annual \$500	Monthly \$75	Weekly \$30	Daily \$10	Discussions Only Free
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Discounts available

- Nonprofit, academic, and government users
- Multiple users
- Scholarships for students, classrooms, or other individuals with financial hardship (scholarships@healthybuilding.net)

Data services



Directly connect your company's data to Pharos via an Application Program Interface (API) and always have up to date information.



Generate custom Data Downloads from our system to power your internal chemicals management programs.

Questions?

Support@pharosproject.net