Check regulations while you formulate

UNCOUNTABLE REGULATORY MANAGEMENT

Uncountable Regulatory Management checks formulations against regulations while they are being formulated. A chemist adds a column for each jurisdiction and sees, ingredient by ingredient, how the formula measures up against its regulations, without leaving the recipe.

THE PROBLEM

Regulatory status usually lives in a separate system, owned by a separate team. Country limits get checked by hand against PDFs, and products get made in the lab that can't ship, then reformulated.

THE FIX

Uncountable moves the check to the point where the formula is still easy to change.

WHO USES IT

R&D formulators see constraints as they work. Regulatory teams review and govern the rules in the same system the formulation data already lives in.

HOW A CHECK WORKS

From formulation to status

1. **Pick the jurisdictions**
   One or many, for the recipe columns or a check.
2. **Match each ingredient**
   By its CAS numbers and INCI names, including inside sub-recipes.
3. **Apply each regulation**
   A prohibition, a permission, or a limit on the recipe amount.
4. **Show the status**
   On the formulation, with the regulation behind it.

STATUS

A status for each ingredient

- Pass
- Fail
- Cannot Evaluate
- No Match

An ingredient with No Match shows no badge on the recipe.

A RESULT CAN SHOW

Citation · Limit and units · Recipe amount · Margin to the limit · Conditions

How a regulation check runs on a formulation, from the jurisdictions you pick to the status of each ingredient.

THE UNCOUNTABLE PLATFORM

Research & Development · Quality · Product Lifecycle · Regulatory Management · Project Portfolio Management

Uncountable's AI-native end-to-end platform is deployed by 175+ product development teams.

DuPont · SunChemical · Sika · Clariant · Mondelēz International · Beiersdorf

01 Compliance checking

How does a check work?	Open a formulation and add a regulation column for one or many jurisdictions, or run an experiment check with a regulation scope. Each ingredient that matches a regulation gets a status.
What status can an ingredient get?	Pass, Fail, Cannot Evaluate, or No Match. Pass means the amount is within the limit, or the regulation permits the substance. Fail means the amount is outside the limit, the substance is prohibited, or the regulation requires a warning. Cannot Evaluate means a regulation matches, but the check cannot reach a result, for example because the recipe has no value for the limit. No Match means no regulation in the jurisdiction matched the ingredient. On the recipe, the badge can name the reason: Allowed, Prohibited, or Warning Required. An ingredient with No Match shows no badge on the recipe.
Do I just get a pass/fail, or the reason?	**The reason.** Each result shows the regulation behind it: its citation and any conditions, and for a numeric limit, the limit and units, the recipe amount, and how far it is from the limit.
How do you match my raw materials to regulated substances?	By the CAS numbers and INCI names recorded on each ingredient, including ingredients inside sub-recipes. The check does not use the trade name, so a renamed or second-source material with the same CAS number is still caught.
What if an ingredient has no CAS number, or the match is missed?	We match each ingredient to a regulation on CAS number or INCI name. If neither matches a regulation in the jurisdiction and no direct manual association exists, the ingredient gets No Match and is not evaluated against that jurisdiction's regulations. No Match does not mean compliant, so review these ingredients. A user with override permission can apply the regulation to the ingredient directly, or correct the CAS number or INCI name on the regulation. A correction applies after approval. Content refreshes keep these changes.
What if a regulation does not apply to my product?	When a regulation shows Cannot Evaluate, the user can mark it applicable or not applicable. The decision is recorded against the recipe, with who made it and when.
Do I have to leave the recipe to run a check?	**No.** Regulation columns and check results show on the formulation itself.

02 Regulatory content

SOURCE
Official sources
Government registers and published regulatory lists.

→

STRUCTURE
Structured rules
Substance, limit, units, basis, and conditions.

→

SYNC
Your environment
Each row cites its instrument and links to its source.

Who maintains the regulations?	**Uncountable does.** Your team does not have to build or maintain the regulation library.
Where does the content come from?	Official sources: government registers and published regulatory lists. We structure each rule into substance, limit, units, basis, and conditions, then sync it into your environment.
How do I know a rule is accurate and current?	Every row cites the official instrument it came from and links to its source. The regulations listing shows the source URL and the date the source was last checked.
How often is content updated?	An Uncountable-managed agent works through the official sources and re-extracts a source when its published text changes, rather than on a fixed release schedule.
Can I see every rule that applies to a single raw material?	**Yes.** Once the regulations database is loaded onto a schema, you can filter and add columns to the listing to peruse all regulations, their overrides, and source information.

03 Regulatory coverage

Which industries and countries does it cover?

The source registry lists four sectors today: food, cosmetics, general chemicals, and coatings. It lists sources from 19 jurisdictions, including the EU, the US, China, Brazil, India, and South Korea, plus the global Codex standards.

EXAMPLES OF REGISTERED INGEST SOURCES

Jurisdiction	Sectors	Example regulations
European Union	General chemicals, coatings	REACH Annex XVII and XIV, CLP Annex VI, POPs, Directive 2004/42/EC (Paints Directive)
United States	General chemicals, coatings	TSCA Section 6 in 40 CFR parts 747, 749, 751, 761, and 763, 16 CFR 1303 (lead paint), 40 CFR 59 (VOC)
California	General chemicals, coatings	Proposition 65, SCAQMD Rule 1113 (architectural coatings), SCAQMD Rule 102 (exempt compounds)
Canada	General chemicals, coatings	Prohibition of Certain Toxic Substances Regulations, 2025, Surface Coating Materials Regulations, VOC Concentration Limits for Architectural Coatings Regulations, VOC Concentration Limits for Automotive Refinishing Products Regulations
Great Britain	General chemicals	GB CLP, UK REACH, and assimilated POPs Regulation (EU) 2019/1021
China	Coatings	GB 30981.1-2025 (architectural coatings), GB 30981.2-2025 (industrial coatings)
Japan	Food	Food Sanitation Act (Positive List System)
South Korea	Food	Korea Food Code, Korea Food Additives Code, Utensils, Containers and Packaging Code
India	Coatings	Regulation of Lead Contents in Household and Decorative Paints Rules, 2016
Australia	Food	Australia New Zealand Food Standards Code
New Zealand	Food	Australia New Zealand Food Standards Code, New Zealand Food Notice: Maximum Residue Levels for Agricultural Compounds
Brazil	Food	ANVISA Instruções Normativas 160, 161, and 162/2022, ANVISA lists for food additives, enzymes, and food contact materials
Mexico	Food	Acuerdo de Aditivos, SENASICA maximum residue limits for animal-origin foods
Argentina	Food	Código Alimentario Argentino, MERCOSUR technical regulations, Resolución SENASA 934/2010
Indonesia	Food	Peraturan BPOM No. 11/2019, No. 13/2020, and No. 22/2023
Saudi Arabia	Food	SFDA.FD/GSO 193, SFDA.FD/GSO 2481
Peru	Food	NTS No. 120-MINSA/DIGESA, NTS No. 128-MINSA/DIGESA
South Africa	Food	Department of Health food control regulations for food additives, metals, mycotoxins, and pesticide residues
Switzerland	Food	FDHA Ordinance on Materials and Articles (SR 817.023.21)
Global	Food	Codex General Standard for Food Additives (CXS 192-1995), Codex maximum residue limits for pesticides

BODIE AI AGENT

Ask Bodie about your regulations

Ask Bodie to search your records, read the details of a record, and run a query on a listing, such as your regulations, with a link to the full results.

04 Customization and governance

Can we change a rule we interpret differently?	**Yes.** You can override a limit, exclude an ingredient, turn off a regulation, or correct the matching criteria of a substance. A limit override applies on top of our content rather than editing it.
Will a content refresh overwrite our changes?	**No.** A refresh saves your overrides before it copies in new content and puts them back afterward.
Who can make amendments?	Users with permission on regulation overrides, which your admin group holds by default. Limit overrides, exclusions, turning off a whole regulation, and matching changes need approval, and the approver must be a second person unless the creator is an override admin.
Is there an audit trail?	**Yes.** Each override records who created it, who approved it, and when, with an optional justification, and each change writes an audit log entry. The regulations listing shows the official values, and the override listing shows what your organization changed.
Can one check cover our own spec and the regulations?	**Yes.** One experiment check can compare a formulation against your own spec and against the regulations, and it reports the worse of the two results.
Can each team start from its own markets?	**Yes.** A region profile sets each user's default jurisdictions, so new checks and the check columns in the recipe editor start with that user's markets.

05 Staying current

When a regulation changes, how do I find what's affected?	Each regulation records when its content last changed. From the regulations listing, view the ingredients a regulation affects, then the experiments that use those ingredients.
How do updates reach our environment?	Today an admin action copies the latest master data into your environment and marks your regulation checks as stale. A second admin action re-runs those checks.
What is on the roadmap for updates?	CONCEPT Opt-in automatic updates, with a preview of exactly what will change before you accept it.

06 How it fits the rest of Uncountable

Is Uncountable Regulatory Management a separate system?	**No.** Check results show on the formulation and as columns in experiment listings, in the same platform as R&D, PLM, and Quality, not in a separate review cycle.
How does it connect to PLM?	A check can be required for a valid product, and a formulation that passes all its checks can lock automatically.
Does it help with SDS authoring?	Uncountable loads SDS reference data from public sources by CAS number, through the same loader as the regulation lists.

Book a demo

Bring one formulation and one target market, and see the check run on your own recipe.

SCAN TO BOOK

Book a demo →