

Safety data sheets, linked to the recipe

SDS authoring and GHS hazard data | For R&D leaders



Uncountable keeps the safety data sheet next to the recipe and ingredient data that your formulators already maintain. An SDS record can hold all 16 GHS sections as structured fields, link to the experiment it describes, and load its composition from that recipe. The record exports as a PDF from the same page.

An SDS record in Uncountable. It moves through a review workflow, links to the experiment it describes, and holds each GHS section as structured fields.

The SDS is usually the last to know

In most companies the formula lives in the R&D system and the SDS lives somewhere else: a standalone authoring tool, an EHS spreadsheet, or a consultant's queue. Every new sample, reformulation, or raw material swap means exporting the composition and keying it in again, so the SDS falls behind the product it describes. Three groups feel that gap.

BUYS IT

R&D leaders

Samples and launches wait on a separate SDS process, and every handoff to EHS creates another copy of the formula to keep in sync.

With Uncountable: the SDS record links to the recipe your team already maintains, and one action loads its composition table.

REVIEWS IT

Product safety and EHS teams

Reviewers check composition data that was copied by hand, with no direct line back to the recipe it came from.

With Uncountable: the SDS moves through a review workflow, and the audit trail logs each field edit with its old and new values.

USES IT DAILY

Formulation scientists

Hazards surface after a candidate is chosen, when a classification change means rework.

With Uncountable: GHS pictograms sit next to each ingredient while the recipe is built.

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



How SDS authoring works in Uncountable

Hazard data on each ingredient

Ingredient records can hold a CAS number. From it, Uncountable can fill ingredient fields from public chemical data: flash point, density, GHS pictograms, H-statements, and regulatory flags such as TSCA, Prop 65, and national inventories. A supplier SDS PDF uploaded to the ingredient adds the GHS pictograms that it shows.

A 16-section SDS in one export

An SDS record can hold all 16 GHS sections as structured fields. The Update Table action fills the composition section from the linked recipe with each ingredient name, CAS number, and weight percentage. Download SDS exports the record as one PDF.

GHS pictograms in the recipe

GHS pictograms show next to each ingredient in the recipe editor, and the recipe header can show the combined pictograms of all its ingredients. Recipe metadata fields can also display their values as GHS pictograms.

Review, audit, and update

Each SDS record moves through a workflow, for example Start, Review, and Done. The audit trail logs each field edit with the user and the old and new values. When the recipe changes, run Update Table again to clear the composition and reload it from current data.

Where the safety data comes from

Safety data reaches Uncountable through three paths, so the composition and the hazard fields that they fill are not keyed in by hand.

DATA	LANDS ON	PATH
Composition table	SDS record	From the recipe Update Table loads each ingredient, CAS number, and weight %.
Pictograms, H-statements, TSCA, Prop 65	Ingredient record	Public data by CAS Mapped fields fill when the ingredient is added.
GHS pictograms	Ingredient record	Supplier SDS An uploaded supplier SDS PDF adds the pictograms that it shows.

Why a connected SDS matters

A separate SDS tool works from a copy of the formula. In Uncountable the SDS record links to the recipe your formulators edit, and the same recipes can run compliance checks against regulation limits. Hazards are visible while the product is still being designed. When generative AI is enabled, the Ask Bodie action in notebooks opens a Bodie AI Agent chat on the notebook.

JURISDICTION COVERAGE

- Ingredient records carry US flags such as TSCA and Prop 65 today
- Canada, China, and New Zealand inventory flags are also available
- EU SDS support is planned for the end of 2026

CONCEPT

See SDS authoring on your own formulations

Bring a current formula and see its GHS pictograms, composition table, and SDS export in Uncountable.



Scan to learn more

Request a demo