

AREA: COMPLIANCE, QUALITY & SUSTAINABILITY

Data-Driven Compliance & Audit-Ready Traceability

How Kemchain automatically captures supplier data with AI and turns it into verifiable compliance across regulations, quality standards, and sustainability requirements — always ready for inspections, audits, and customer credibility.

Capture

AI Data Extraction
from any supplier document

Verify

Automated Compliance
across regulations & standards

Prove

Audit-Ready Records
traceable to source

Who Benefits

Kemchain addresses the daily challenges of every team that depends on accurate, up-to-date supplier data to do their job:

Regulatory Affairs

Quality Control

Quality Assurance

Sustainability

Procurement

The Challenge

Teams across regulatory affairs, quality, and sustainability share a common problem: they all depend on accurate, current supplier data — and getting it is slow, manual, and fragile. Technical data sheets arrive by email in inconsistent formats. Certificates expire unnoticed. Regulations change. Sustainability requirements multiply. And when an inspection, audit, or customer request arrives, assembling traceable evidence becomes a race against time. The underlying issue is always the same: supplier data is not structured, centralized, or automatically kept current.

Regulations & Frameworks Covered

Kemchain monitors compliance against the key frameworks governing the sector, updated automatically as requirements evolve:

REACH

CLP

DPP

SECTORS

CSRD

ESPR

How It Works

01**AI Document Capture**

Kemchain extracts and structures data from any supplier document – technical data sheets (TDS), safety data sheets (SDS), certificates of analysis (CoA), questionnaires and declarations – regardless of format or language. Data is captured once and made available to every team simultaneously.

02**Automated Compliance & Quality Checking**

Structured ingredient and supplier data is continuously checked against current requirements: restricted substances, concentration limits, labelling obligations, quality specifications, IFRA amendments, and CSRD/ESPR sustainability thresholds. Non-conformities are flagged instantly with the specific regulatory or quality reference.

03**Traceable Evidence on Demand**

Every compliance and quality status is linked to the source document and supplier record that supports it. When a regulator, auditor, or customer requests proof, Kemchain generates a complete traceable trail – from requirement to original supplier certificate – in minutes, not days.

Business Value

1**One source of truth for all teams**

Regulatory affairs, quality, sustainability, and procurement all work from the same structured, verified supplier data – eliminating duplicated effort, conflicting spreadsheets, and communication gaps between departments.

2**Inspection and audit readiness at all times**

Compliance evidence is continuously maintained and linked to source documents. There is no longer a scramble to assemble documentation when an inspection, product review, or customer audit is announced.

3**Instant detection of non-conformities**

When a regulation is updated, a supplier changes a formulation, or a certificate expires, affected products and ingredients are flagged automatically – before they reach production or market.

4**Credibility with customers and regulators**

The ability to provide verified, traceable compliance data – backed by original supplier documents – builds trust with brands, retailers, industrial customers, and regulatory bodies that demand supply chain transparency.

5

Less time on data, more time on decisions

AI-powered capture and automated checking eliminate the repetitive manual work that consumes regulatory, quality, and sustainability teams — freeing them to focus on complex assessments, corrective actions, and strategic improvements.

Still managing compliance and supplier data manually across multiple teams?

See how Kemchain keeps every team audit-ready, always → kemchain.com